



NEWTON®
WATERPROOFING
SYSTEMS

**PRODUCT
CATALOGUE**



WELCOME

TO NEWTON®

We are independent designers and suppliers of high-performance waterproofing and protection systems for all structures. From early design input to product selection support, we assist at every stage of your project to deliver durable, dependable results.

Browse our extensive range of products for waterproofing, damp proofing, gas proofing and structural protection and repair - contact us for further product advice.

Protecting Buildings Since 1848

We have been a proudly independent and family run business since 1848. Independence is our strength - we are not tied to any manufacturer, giving us the freedom to source the best products for any waterproofing requirement. Our products also undergo extensive third-party testing and certification to ensure their compliance and performance. Working with Newton Waterproofing Systems also carries numerous other benefits...



NEXT-DAY DELIVERY ON OUR VAN FLEET

We run a fleet of FORS accredited delivery vehicles from our distribution centres in Tonbridge, Kent and in Leeds, Yorkshire. They provide guaranteed next-day deliveries with live vehicle tracking and instant, digital POD documentation.



WARRANTIES & INSURANCE

All products are supplied with a manufacturer warranty, and our specialist contractors can provide additional installation guarantees and an A-rated Insurance Backed Guarantee (IBG).



THIRD-PARTY ACCREDITATIONS

- Independently verified since 2018 to international ISO 9001, 14001 and 45001 standards
- Constructionline Gold members
- Numerous BBA or BDA approved and certified products



SUSTAINABILITY & RECYCLING

Our unique, award-winning Recycling Service has recycled over 25 tonnes, backed by our leading range of EPD certified and recycled products. Look for EPD and recycling logos next to our products.



EXPERT TECHNICAL ADVICE

Our CSSW-certified experts provide assistance of all kinds, from basic advice and standard drawings, to bespoke waterproofing designs. The Newton Waterproofing Design Partnership ensures design compliance with British Standards and the Building Safety Act, and takes full design liability under our Professional Indemnity insurance.

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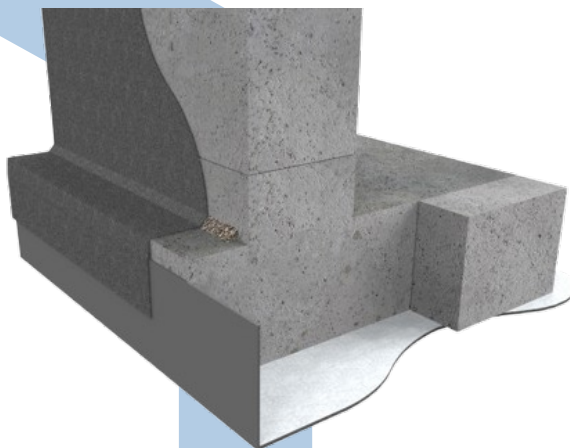
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EXTERNAL 'TYPE A' BARRIER WATERPROOFING

British Standard 8102:2022 defines Type A waterproofing as "barrier" protection that is applied to the internal or external surface of a structure to resist water.

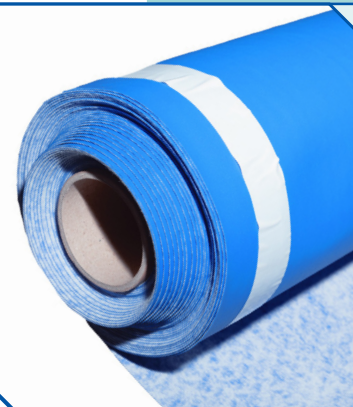
The HydroBond System provides a continuous barrier to the outside surface of a below ground structure, with both pre-applied and post-applied options. However, which HydroBond membrane is best for your project depends on multiple factors. This includes the type of structure, the level of protection required, and the presence of ground gases.



The HydroBond System:

Page	Product Type
7	Pre-Applied Waterproofing Membranes
8	Pre-Applied Installation Ancillaries
9	External Drainage Membranes
10	Post-Applied Waterproofing Membranes
11	Post-Applied Installation Ancillaries

PRE-APPLIED 'TYPE A' MEMBRANES



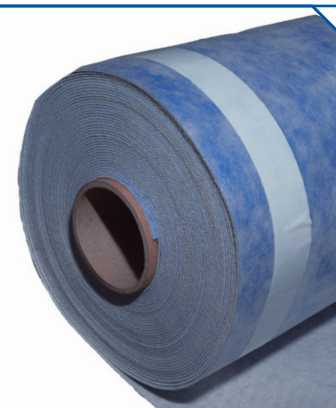
HYDROBOND 402

Pre-Applied & Fully Bonded Membrane

- » Ideal for below-ground foundation structures, basements, and water-retaining tanks
- » Chemical fusion bond ensures excellent adhesion at membrane edges, preventing water migration
- » Excellent crack-bridging capabilities
- » Creates a high-strength bond with concrete



Code	Size	Colour	Area
402	1m x 20m	White/Blue	20m²



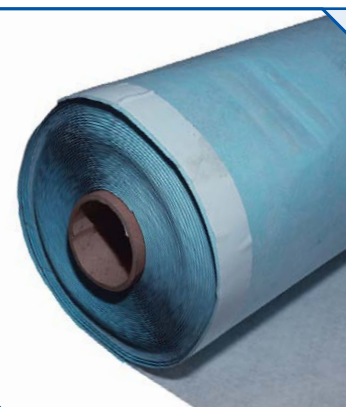
HYDROBOND 403

Pre-Applied & Self-Healing Membrane

- » Continuous external waterproofing membrane to permanent raft and wall formwork
- » Self-healing when punctured
- » BDA certified & accepted by the NHBC
- » Full mechanical bond to concrete prevents water migration behind the membrane



Code	Size	Colour	Area
HB-2	1m x 20m	White/Blue	20m²



HYDROBOND 403 GB

Pre-Applied Water & Gas Membrane

- » Continuous external waterproofing and gas membrane to permanent raft and wall formwork
- » Third-party test certification for radon, carbon dioxide and hydrocarbon gases
- » Full mechanical bond to concrete prevents water migration behind the membrane

Code	Size	Colour	Area
HBGB	1.5m x 20m	White/Blue	30m²

PRE-APPLIED INSTALLATION ANCILLARIES



HydroBond Soft Washer Fixings

- » For when HydroBond 402, 403 and 403 GB are pre-applied to concrete substrates such as secant piled walls
- » Easily installed with a hammer

Code	Size	Quantity
403SF	8 x 36mm	100



HydroBond Tape Double-Sided Tape

- » Sealing tape for HydroBond 402, 403 and 403 GB
- » Provides a firm seal and bonds the two membrane surfaces together for robust laps and repairs

Code	Size	Colour
HBT	75mm x 20m	White/Dark Blue



HydroBond 109-LM Detailing Membrane

- » Flexible, single-component, cold-applied seamless rubber membrane
- » For detailing to HydroBond membranes



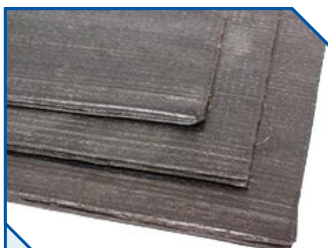
Code	Size	Colour	Application to 3mm
109MV	20L	Black	1.6 L/m ² per coat in three coats



HydroBond 314 Bentonite Granules

- » Detailing HydroBond pre-applied membranes (p11) at terminations to other building elements
- » Swells up to 15x its size
- » Easily applied by hand

Code	Size	Colour	Yield (40mm fillet)
314BG/20	20kg	Tan	25 linear metres



HydroBond Protection Board

- » Protect externally applied waterproof membranes
- » Bitumen-impregnated board
- » Easily cut with a knife and quick to install
- » Resists water and chemicals

Code	Board Size	Colour
HBPB	3mm x 1m x 2m	Black



HydroTank 306 Swell Mastic

- » Swells in contact with water to 200% of its original size
- » For installing hydrophilic waterbars, for detailing HydroBond 403 membrane and for sealing protrusions

Code	Size	Colour	Application Rate
306	310ml	White	5.5 - 8.5 linear metres

EXTERNAL DRAINAGE MEMBRANES



408 DECKDRAIN

Deck and Roof Drainage Membrane

- » Double-cusped drainage for use above the PolyMaxx HA System (p38) for deck, balcony or flat roof waterproofing
- » Provides a clear and clean drainage path for surface water to roof drainage outlets
- » Ensures water cannot be trapped above deck membranes
- » Soil particles (fines) are filtered out by the geotextile layer

Code	Size	Colour	Area
M33	2m x 20m	Black	40m ²



HYDROBOND 410 GEODRAIN

External Drainage Membrane

- » Drainage layer and protection for external waterproofing
- » Prevents water pressure from bearing against the structure
- » Protects against aggressive ground water chemicals
- » Allows for backfilling with excavated earth
- » Extremely strong and durable

Code	Size	Colour	Area
M18	2m x 12.5m	Black	25m ²



HYDROBOND GEO PROFILE

Capping Strip for HydroBond 410 GeoDrain

- » High density polypropylene capping strip applied to the top edge of HydroBond 410 GeoDrain
- » Seals the top edge of the HydroBond 410 GeoDrain membrane to prevent debris and back-fill from entering the cavity between the drainage core and the filter fabric during backfilling

Code	Size	Colour
A15	2m x 64mm	Black

POST-APPLIED 'TYPE A' MEMBRANES



HYDROBOND 2K-FLEX

Flexible, Reinforced Bitumen Membrane

- » External waterproofing of below-ground structures and retaining walls
- » Complete vapour barrier
- » Flexibility to bridge cracks up to 2mm
- » Easily applied up to 7mm thick

Code	Size	Colour	Application Rate
HB-2K	30 Litres	Black	5.6 Litres/m ²

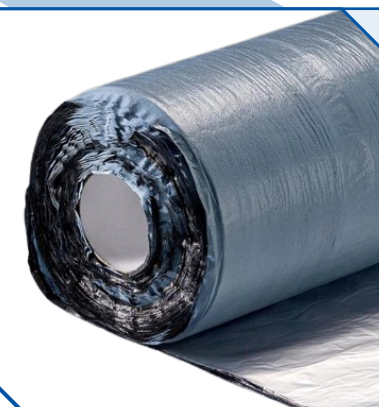


HYDROBOND SA

Self-Adhesive Waterproofing Membrane

- » Post-applied sheet waterproofing to retaining walls of below-ground structures
- » Used with HydroBond pre-applied membranes to provide continuous waterproofing around the whole structure
- » Durable and resistant to impact and aggressive ground water chemicals

Code	Size	Colour	Area
401M	1m x 20m	Black	20m ²



HYDROBOND SAGM

Self-Adhesive Gas & Waterproof Membrane

- » An effective barrier against all ground gases
- » Post-applied sheet waterproofing to retaining walls of below-ground structures
- » Used with HydroBond pre-applied membranes to provide continuous waterproofing around the whole structure
- » Resistant to impact and aggressive ground water chemicals

Code	Size	Colour	Area
401-GM	1m x 20m	Silver	20m ²

POST-APPLIED INSTALLATION ANCILLARIES



HydroBond 2K-Flex Primer

- » Improves HydroBond 2K-Flex adhesion to many common substrates
- » Ready to use
- » Penetrates the substrate and binds dust particles

Code	Size	Colour	Application Rate
HB-2KP	10L	Black	Approx. 0.2L/m ²



HydroBond 2K-Flex Mesh Reinforcement

- » Beds into the first coat of HydroBond 2K-Flex to reinforce and strengthen the flexible bitumen coating
- » Made from woven fibre-glass yarns & coated with an alkaline resistant latex

Code	Size	Colour
HB-2KM	1m x 50m roll	White



HydroBond 109-LM Detailing Membrane

- » Flexible, single-component, cold-applied seamless rubber membrane
- » For detailing to HydroBond membranes



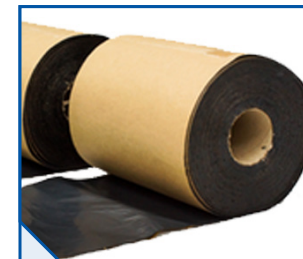
Code	Size	Colour	Application to 3mm
109MV	20L	Black	1.6 L/m ² per coat in three coats



HydroBond SA Bitumen Primer LT

- » Primer for HydroBond SA and HydroBond SAGM
- » Quick and easy to apply, even at low temperatures
- » Moisture tolerant and quick drying

Code	Size	Colour	Application Rate
401P-5	5L	Black	6-8m ² /litre



HydroBond SA Reinforcing Strip

- » Optional for use with HydroBond SA
- » Reinforces the joint from wall to foundation and provides enhanced impact and damage protection at external corners

Code	Size	Colour
401-RS	300mm x 20m	Black



HydroBond SAGM Detailing Strip

- » Optional for use with HydroBond SAGM
- » Reinforces the joint from wall to foundation and provides enhanced impact and damage protection at external corners

Code	Size	Colour
401-DS	300mm x 20m	White

HydroCoat System



INTERNAL 'TYPE A' BARRIER WATERPROOFING

British Standard 8102:2022 defines Type A waterproofing as "barrier" protection that is applied to the internal or external surface of a structure to resist water.

The HydroCoat System is an internal Type A waterproofing solution for projects that requires an internally applied membrane to resist water ingress. This includes a range of liquid-applied products that can be installed by spray machine, trowel, brush, or roller. These membranes must actively hold back any ingressing water, so it is crucial to select the correct product.



Internal 'Type A' membranes are often the products that are referred to when people talk about the process of "tanking" a basement.

The HydroCoat System:

Page	Product Type
13	Cementitious Coatings
15	HydroCoat 1 System
16	Structural Repair & Joint Sealing
17	Cementitious Primers & Ancillaries

CEMENTITIOUS COATINGS



HYDROCOAT 103 2K

Durable Cementitious Coating

- » For below-ground concrete structures, decks, balconies and car parks
- » Resists up to 10 bar positive and negative pressure
- » Quick application in one coat to horizontal surfaces
- » Fire resistant - certified to A2-s1,d0
- » Durable, UV-stable and trafficable

Code	Size	Colour	Application Rate
103-S	30kg	Grey	3.6kg/m ²



HYDROCOAT 104 SUPER

Penetrating Crystalline Waterproofing

- » Applied to the concrete surface to stop moisture movement through capillaries
- » Easy to apply - sprinkle on to new horizontal concrete or apply as a simple slurry to vertical and cured concrete
- » Permeates deep into the concrete
- » Cost-effective product

Code	Size	Colour	Application Rate
104	25kg	Grey	1kg/m ²



HYDROCOAT 105 1K

Cement-Based Waterproof Mortar

- » Multi-purpose waterproofing product - mortar, bag rubbing mix, surface repair, screed and render
- » Fully waterproof at 2 mm, resisting 10 bar positive and negative pressure
- » Single-component system requiring only clean water to mix
- » Quick drying - rain tight in 1 hour

Code	Size	Colour	Application Rate
105	25kg	Grey	3.7 to 11kg/m ²

CEMENTITIOUS COATINGS



HYDROCOAT 107 ELASTIC 2K

Flexible Cementitious Coating

- » For the waterproofing and protection of concrete and masonry structures
- » BDA Agrément certified for proven performance
- » Durable and flexible coating can be applied to damp substrates in temperatures down to 5°C
- » Quick application by airless spray



Code	Size	Colour	Application Rate
107-F	30kg	Grey	3.2kg/m ²



HYDROCOAT TANKING SLURRY

Single-Component Cementitious Coating

- » Internal or external waterproofing of basements and earth-retaining or water-retaining structures
- » Simple to mix and easy to apply
- » BBA certified and WRAS approved for use with potable water



Codes	Packaging	Application Rate
HSS-20	20kg bag	Up to 7kg/m ²
HSS-20B	20kg bag in a mixing bucket	



Spray Application

HydroCoat 107 Elastic 2K is a tough, flexible coating which maintains its flexibility even under immersed conditions to accommodate movement in cracks. Its potential to be spray applied makes it ideal for large-scale projects.

HYDROCOAT 1 SYSTEM



HYDROCOAT 1 RENDER

One Coat, Pre-Bagged Waterproof Render

- » Waterproof – 10mm thickness resists 7 bar positive or negative pressure
- » Pre-bagged and single-component waterproof render
- » Quick to apply as a one-coat render from 5mm to 50mm thickness in a single coat
- » Simply mix with clean water, no need for primers

Code	Size	Coverage
HC-R-25	25kg	1.45m ² at 10mm thickness

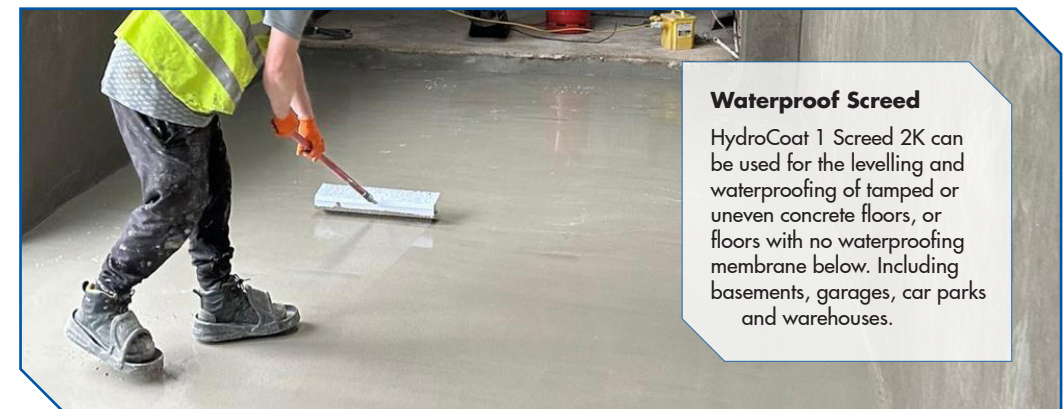


HYDROCOAT 1 SCREED 2K

Self-Levelling & Waterproof Cement Screed

- » Two-component screed for levelling and waterproofing concrete floors, in thicknesses from 3mm to 60mm
- » Rapid-setting, durable and resistant to abrasion
- » Rapidly applied by trowel or squeegee
- » Can be applied to damp or saturated substrates

Code	Size	Coverage
HC-S-30	30kg	1.5m ² at 10mm thickness



Waterproof Screed

HydroCoat 1 Screed 2K can be used for the levelling and waterproofing of tamped or uneven concrete floors, or floors with no waterproofing membrane below. Including basements, garages, car parks and warehouses.

STRUCTURAL REPAIR & JOINT SEALING



FlexJoint & FlexJoint HD - Joint Fillers

- » Closed-cell polyethylene joint fillers
- » Easy-to-use, economical and safe

Products	Thickness	Width	Length
HD Sheet	10-25mm	1m	2m
Sheet	10-25mm	1m	2m
Roll	10/12mm	100-200mm	10m
Length	20/25mm	100-200mm	2m



FlexProof 106 Construction Joint Sealing

- » Seals both static and non-static construction joints in earth-retained structures
- » Applicable to damp substrates

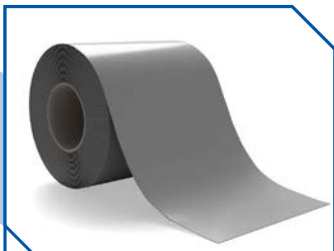
Code	Sizes	Colour	Application Rate
106B	15kg	Grey	Dependent on use
106C	290ml		
106NV	7.5kg		



HydroCoat 313-WP Fast-Setting Leak Seal

- » Instantly stops running water/seepage through masonry or concrete
- » Becomes harder under water pressure
- » Non-shrink and sets in just 2 minutes to seal leaks

Code	Size	Colour	Yield per kg
313-WP	25kg	Grey-Brown	0.46L



HydroCoat Monoflex Joint Sealing Tape

- » Waterproofs construction joints that are subject to extreme movement
- » Easy and quick to install and repair
- » Resists 4 bar water pressure

Codes	Sizes	Colour
HS-MF-100	100mm x 20m	Grey
HS-MF-200	200mm x 20m	



HydroCoat Monoflex Epoxy Adhesive

- » No primer required
- » Excellent adhesion to most building materials
- » Bonds to damp substrates
- » Resistant to water, weather and a range of chemicals

Code	Size	Curing Time at 20°C
HS-MFA	5kg (2 containers)	10 to 12 hours

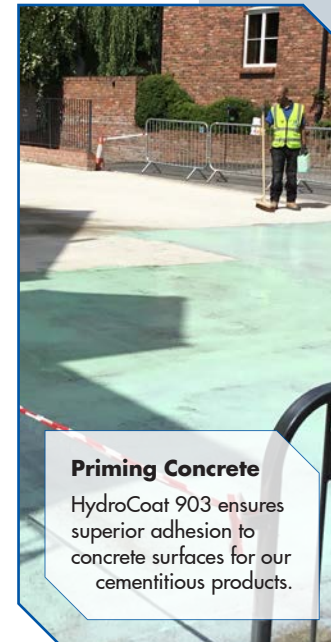


HydroCoat 203-RM Strong Repair Mortar

- » Durable repair of concrete, ideal for bridges, decks, floors and roads
- » Resists 10 bar pressure
- » Rapid curing, even in cold weather

Code	Size	Colour	Yield
203-RM	25kg	Grey	13.3 - 23L

CEMENTITIOUS PRIMERS & ANCILLARIES



HydroCoat 903 Primer for Concrete

- » Concrete primer for our cementitious membranes, concrete repair & coatings
- » Extremely quick to apply
- » Can be applied to damp/wet concrete

Code	Size	Colour	Application Rate
903-P	5L	Green	0.1 - 0.2L/m²



HydroCoat 905-CM Curing Membrane

- » Inhibits the effect of sun/wind on liquid membranes
- » Extends curing time
- » Ready to apply
- » Alternative to traditional sheets

Code	Size	Colour	Application Rate
905-CM	5L	White	5 - 7m²/litre/coat



HydroCoat LiquaBond Bonding Agent & Admix

- » High performance admixture and primer for cementitious systems
- » Versatile, resilient, and provides excellent adhesion as an admix

Code	Size	Colour	Application
908-5	5L	Clear	Dependent on intended use



Reinforcement Tapes for Liquid Membranes

- » Compatible with our liquid waterproofing membranes and cementitious coatings
- » Reinforce direction changes, cracks, protrusions, static joints and movement joints

Codes	Sizes	Colour
912-RT	150mm x 50m	White



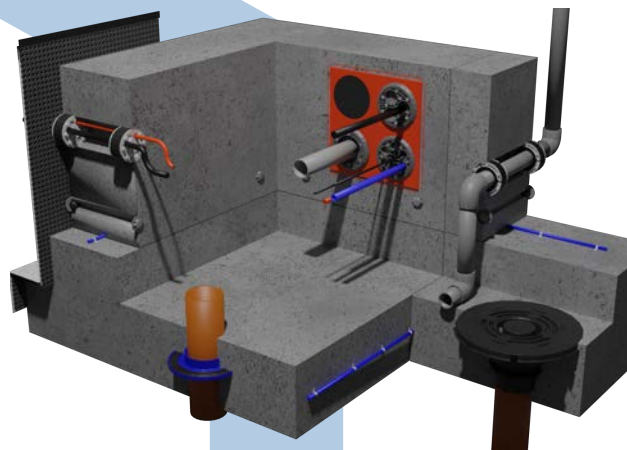
HydroTank System



INTEGRAL 'TYPE B' WATERPROOFING

British Standard 8102:2022 defines Type B waterproofing as “structurally integral” protection where the structure is designed as the primary resistance to water. These products therefore focus on protecting the joints and penetrations through your Type B structure.

The HydroTank System includes high-performance waterbars as well as waterstops, injection resins, service entry seals, and patented tie-bolt hole seals that all achieve an effective and watertight Type B solution.



The HydroTank System:

Page	Product Type
19	Waterbars, Waterstops & Adhesives
20	Service Entry Sealing Systems
22	Cable Duct Systems
23	Tie-Bolt Hole Sealing Systems

WATERBARS, WATERSTOPS & ADHESIVES



HydroTank 301-EP Metal Waterbar

- » For construction joints between rafts and walls
- » Waterproof up to 5 bar water pressure
- » Can be installed in any weather and temperature

Code	Size	Fixings
SX301-E	140mm x 6m	Supplied with 12 x waterbar clips



HydroTank 302 Injection Hose

- » Inject with PC Leakinject 2K Flex 6811 LV resin to seal joints in retaining structures
- » No kicker/rebate required

Codes	Sizes	Kit includes
302K120	120m injection kit	Injection ports, nipples, clamps, hoses & connectors
302K90	90m injection kit	
302K60	60m injection kit	
302K30	30m injection kit	



HydroTank 315 Polymer Waterbar

- » Seals against water in cast-in-place concrete & pre-cast construction joints
- » Swells up to 9 times its original size

Code	Size	Colour
315-2	20mm x 2mm x 20m	White
315-5	20mm x 5mm x 20m	
315-10	20mm x 10mm x 10m	



HydroTank PVC WaterStop

- » Cast-in-situ with no kicker or rebate
- » Not sensitive to temperature

Products	Descriptions
External Waterstop	200 or 250mm x 12m
Internal Waterstop	200 or 250mm x 12m
Welding Blade	110V heating blade
L-Junctions	Vertical or Flat L-Junction
T-Junctions	Vertical or Flat T-Junction
X-Junctions	Flat X-Junction



HydroTank 306 SwellMastic

- » Swells in contact with water to 200% of its original size
- » For installing Newton waterbars, detailing HydroBond 403 membrane and sealing protrusions

Code	Size	Colour	Application Rate
306	310ml	White	5.5 - 8.5 linear metres



HydroTank 309 Flexible Adhesive

- » Flexible, non-swelling option for waterbars, CDM BaseBoard (p29) as well as general panels, frames and other similar elements
- » Bonds to most building materials

Code	Size	Colour
309-M	290ML	White

SERVICE ENTRY SEALING SYSTEMS



HSI Cable Systems Pressure Tight Wall Insert

- » Watertight and gas-tight seal up to 2.5 bar
- » Pressure-tight closing covers both sides
- » Seal using the HSI Cable Entry System Covers for maximum flexibility

Sizes	Used to Seal
100mm to 500mm wall	Cables & ducts



HSI Cable Entry Cover Connects Ducts to Seals

- » Connects various duct types to the HSI Cable Inserts
- » Bayonet system to mechanically seal smooth, corrugated & spiral ducting
- » Options for sealing multiple cables

Sizes	Used to Seal
110mm to 168mm diameter	Cables & ducts



KG-FIX Wall Collar 110/160mm Pipe Flange

- » Watertight barrier flange for waste pipes through floor slabs
- » Resists 2.5 bar pressure
- » Radon tight

Codes	Used to Seal	Location
3030537182 3030300098	110mm Ø pipes 160mm Ø pipes	External seal



307 PipeSeal - 110 or 160mm Puddle Flange

- » EPDM pipe collar provides a physical waterbar to waterproof pipe entries
- » Resists 1.0 bar pressure
- » Flexibility assists installation

Codes	Used to Seal	Location
307-110 307-160	110mm Ø pipes 160mm Ø pipes	External seal



Waste Pipe Entry Floor Seal to Sewer Pipe

- » Seals through concrete floor slabs to the sewer pipe
- » Three-ribbed seal is gas, radon and water tight
- » Integrated level for easier alignment

Size	Used to Seal
385mm O/D	110mm Waste Pipes



Cement Wall Sleeves Seamless Concrete Seal

- » Seamless concrete seals that merge with concrete walls
- » Split sleeve option for retrofitting
- » Easily cut to correct length
- » Watertight and gas-tight

Sizes	Used to Seal
From 80mm to 800mm	Service Entries

SERVICE ENTRY SEALING SYSTEMS



18-65mm Pipe Seal Fits 100mm Opening

- » Fits 100mm sleeve/hole, seals 18-65mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300060	100mm	18-65mm O/D



12-75mm Pipe Seal Fits 150mm Opening

- » Fits 150mm sleeve/hole, seals 12-75mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
2700103996	150mm	12-75mm O/D



70-112mm Pipe Seal Fits 150mm Opening

- » Fits 150mm sleeve/hole, seals 70-112mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300064	150mm	70-112mm O/D



110-160mm Pipe Seal Fits 200mm Opening

- » Fits 200mm sleeve/hole, seals 110-160mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300068	200mm	110-160mm O/D



159-211mm Pipe Seal Fits 250mm Opening

- » Fits 250mm sleeve/hole, seals 159-211mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300072	250mm	159-211mm O/D



Mechanical Press Seal Multiple Cable Entries

- » Gas-tight, watertight and radon-proof
- » Water exposure class DIN 18533: W1-E, W2.1-E and W2.2-E
- » Waterproof concrete stress classes 1 and 2

Sleeve/Hole Diameters	Number of Openings
From 80 - 200mm	From 1 to 15

CABLE DUCT SYSTEMS



HAUFF-TECHNIK HATEFLEX SYSTEM Pressure-Tight Cable Duct System

Cable ducts allow new cables to be installed or old ones to be replaced without having to move large volumes of earth, therefore contributing to a sustainable infrastructure for the future.

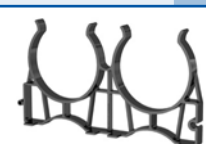
The Hateflex System from Hauff-Technik uses a combination of hard and soft PVC to give it both flexibility and impact resistance. Available in 5 sizes, Hateflex is watertight up to 2.5 bar.

Benefits of the Hateflex System include:

- » Reduced installation time - Installed in lengths of up to 25 metres with fewer connections
- » Easy connections - Watertight connection sleeves are quick and easy to install
- » Adaptable - Connections sleeves with adapters create seals between different size ducts

Combined with Hauff-Technik cable entries, the Hateflex System delivers gas and watertightness, as well as savings during installation and later renovations, reducing the total cost of ownership.

	Product	ID Ø	OD Ø	Bending Radius	Lengths
	Hateflex14078	78mm	87mm	400mm	25 metre coils (shorter lengths available on request)
	Hateflex14090	91mm	104mm	400mm	
	Hateflex14110	110mm	125mm	500mm	
	Hateflex14125	125mm	140mm	600mm	
	Hateflex14150	151mm	166mm	2000mm	



Information Duct Spacer

Push-fit cable spacer for fixing and positioning the Hateflex 150 spiral duct



Information KES150 MA KB SET

Wall connection set for retrofit connections of Hateflex 150 to core drill holes or wall sleeves



Information HSI150 KMA

Single wall insert with rubber sleeve for setting in concrete & connecting Hateflex 150 duct



Info KES MA150 ZVR150/500

Cement-coated wall sleeve with sleeve for connecting Hateflex 150 to new-build floor slabs

TIE-BOLT HOLE SEALING SYSTEMS



RivePipe - Reusable Tie Bar Protection

- » Protects tie bars in concrete
- » Removable, reusable and recyclable
- » Extracted with RiveOut tool
- » Leaves a clean, uniform tie-bolt hole for sealing

Lengths Available	Packaging
From 100mm to 300mm	100 units per bag



RiveOut - Easily Removes RivePipe

- » Screws into the RivePipe to safely extract it
- » Extremely quick and easy to use
- » Leaves a clean, uniform and plastic-free tie-bolt hole

Length	Weight
415mm	2.62kg



RiveStop - Mechanical Tie-Bolt Hole Sealing

- » Patented rivet system for easily sealing tie-bolt holes
- » Expands up to 50% of original size to hermetically seal the tie-bolt hole
- » 90% faster than traditional methods

Diameters Available	Packaging
From 18mm to 35mm	Variable bucket quantities



Riveting Machine Quickly Fit RiveStop Units

- » Make RiveStop installation extremely quick and easy - up to 360 units per hour
- » Activates the RiveStop's internal mechanism to seal the hole

Code	Nozzle Size	Speed
RS-M71139	3.2 - 3.77mm I/D	360 holes/hour



RiveStop Mechanical Seals for Tie-Bolt Holes

RiveStop mechanical rivet units are extremely quick and easy to install into tie-bolt holes using a simple rivet machine to create a full mechanical seal within the hole.

CDM System

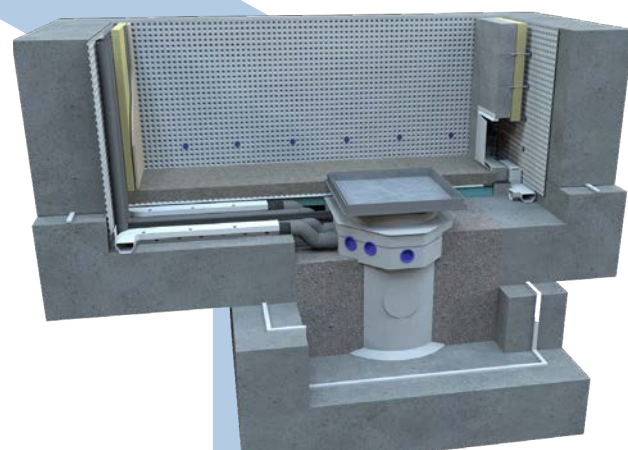


CAVITY DRAIN 'TYPE C' WATERPROOFING

TYPE C WATERPROOFING

Defined by BS 8102:2022 as “drained” protection, our Type C waterproofing system combines our decades of experience with top quality, BBA certified cavity drain membranes, supported by bespoke pumps, control, backup power and cloud-connected telemetry.

This maintainable solution delivers a completely dry environment in both new-build and refurbishment projects.



The CDM System:

Page	Product Type
25	Cavity Drain Membranes
27	Fire-Proof Cavity Drain Waterproofing
28	CDM Drainage System
29	BaseBoard Drainage System
29	CDM Access & Inspection
30	Fixing Plugs, Tapes & Ancillaries
33	Titan-Pro CDM Pump System
34	Panels, Alarms & Monitoring
35	Battery Back-Up Kits

PROFESSIONAL CAVITY DRAIN MEMBRANES

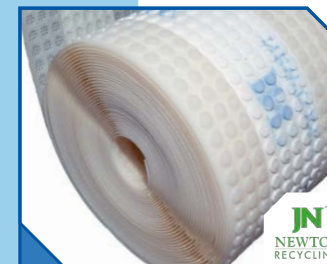


503 - 3mm Cavity Drain Wall Membrane

- » 3mm studs for when space is limited
- » CDM wall membrane in basements, cellars, vaults and tunnels
- » BBA certified



Code	Size	Colour	Area
NM5	2m x 20m	White/Clear	40m²

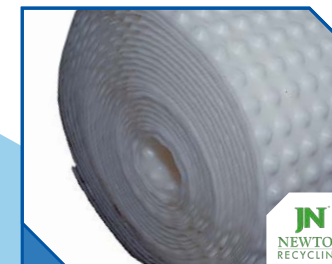


503 Mesh - 3mm Meshed Wall Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » 3.5mm deep for when space is limited
- » BBA certified



Code	Size	Colour	Area
NM11	2m x 20m	White/Clear	40m²

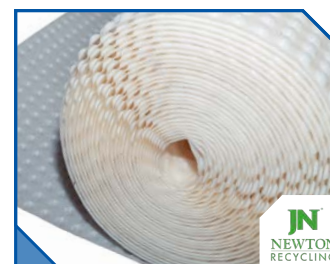


508R - 8mm Membrane & Certified Radon Barrier

- » Heavier and stronger than standard 8mm cavity drain membranes
- » Third-party tested barrier to Radon gas



Code	Size	Colour	Area
M2R	2.07 x 20m	White	41.4m²
M1R	2.4 x 20m	White	48m²

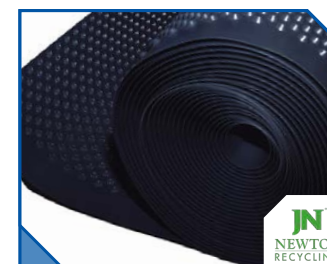


508 Mesh - 8mm Meshed Wall Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » BBA certified membrane
- » 8mm depth



Code	Size	Colour	Area
NM3	2m x 20m	White/Clear	40m²

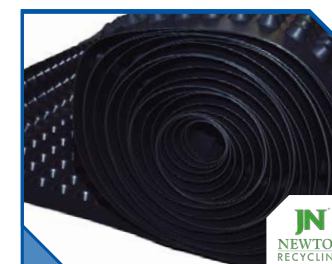


508 eco Floor - 8mm Recycled Floor Membrane

- » Recycled and BBA certified
- » Third-party tested as a barrier to Radon gas
- » High compressive resistance due to more studs per m²



Code	Size	Colour	Area
M2	2.5 x 20m	Black	50m²



520 eco Floor - 20mm Recycled Floor Membrane

- » 20mm high drainage volume
- » Recycled and BBA certified
- » Third-party tested barrier to Radon gas



Code	Size	Colour	Area
M4	2m x 20m	Black	40m²
M13	2m x 10m	Black	20m²

STANDARD CAVITY DRAIN MEMBRANES



CDM 503 3mm Membrane

- » 3mm studs for when space is limited
- » CDM wall membrane in basements, cellars, vaults and tunnels
- » BBA certified



Code	Size	Colour	Area
M5	2m x 20m	White/Clear	40m ²



CDM 503 Mesh 3mm Meshed Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » 3.5mm deep for when space is limited
- » BBA certified



Code	Size	Colour	Area
M11	2m x 20m	White/Clear	40m ²



CDM 508 8mm Membrane

- » 8mm wall/floor cavity drain membrane
- » BBA certified membrane



Code	Size	Density	Area
M1-7-48	2.4 x 20m	700g/m ²	48m ²
M1-7-40	2 x 20m	700g/m ²	40m ²
M1-5-48	2.4 x 20m	500g/m ²	48m ²
M1-5-40	2 x 20m	500g/m ²	40m ²

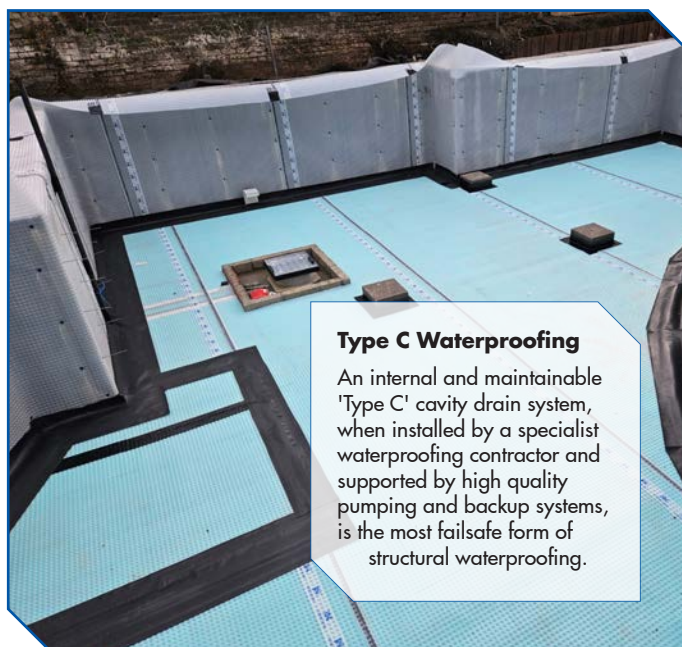


CDM 508 Mesh 8mm Meshed Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » BBA certified membrane
- » 8mm depth



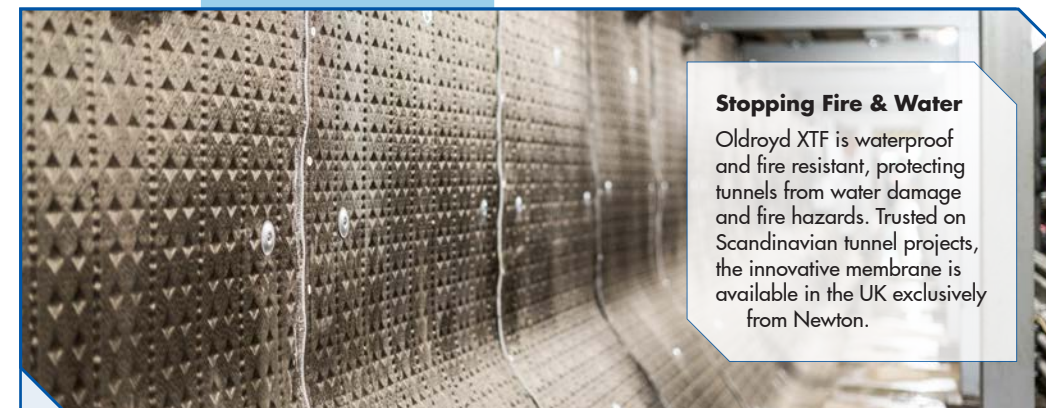
Code	Size	Colour	Area
M3	2m x 20m	White/Clear	40m ²



Type C Waterproofing

An internal and maintainable 'Type C' cavity drain system, when installed by a specialist waterproofing contractor and supported by high quality pumping and backup systems, is the most failsafe form of structural waterproofing.

FIRE-PROOF CAVITY DRAIN WATERPROOFING



Stopping Fire & Water

Oldroyd XTF is waterproof and fire resistant, protecting tunnels from water damage and fire hazards. Trusted on Scandinavian tunnel projects, the innovative membrane is available in the UK exclusively from Newton.

OLDROYD XTF SYSTEM

Fire-Resistant and Waterproof Internal Type C System

Exclusively available from Newton Waterproofing Systems, Oldroyd® Xtf is a waterproof and fire resistant membrane designed specifically to protect tunnels from the detrimental effects of water and to prevent the spread of fire.

The membrane consists of a specifically profiled, flame-retardant polypropylene (PP) sheet, laminated with a high-tensile, fire-resistant woven fabric of basalt mineral fibres.

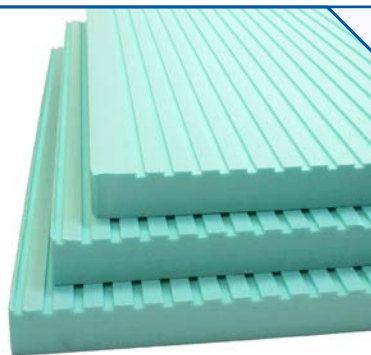
- » B-s2.d0 fire rating to EN 13501-1:2007+A1:2009
- » Fire resistant for more than 20 minutes at >1000°C
- » Average fixing strength 413N to withstand negative pressure/suction from high-speed trains
- » Does not require covering with internal finishes
- » Toxic gas emissions during a fire - less than 10% of the maximum allowed
- » CO₂ formation during a fire - less than 20% of the maximum allowed

Typical applications and substrates:

- » Bare rock
- » Cast concrete
- » Vaults in tunnel escape routes
- » Plant and server rooms

Code	Product Name	Description	Units
FM1	Oldroyd Xtf - 1.48m x 10m	Fire-Proof Membrane	1 x roll
FMA1	XTF Mounting Kit	Fixing plugs, gaskets, stainless steel screws and washers	200 x units
FMA2	M-Fix Flame Retardant Screws	For securing and fixing membrane laps	200 x screws
FMA3	Fire-Rated Foam x 750ml	For creating a fire-proof seal within membrane laps	1 x cartridge

CDM DRAINAGE SYSTEM



CDM Fibran XPS 500-C Closed-Cell Insulation Spacer for BaseDrain

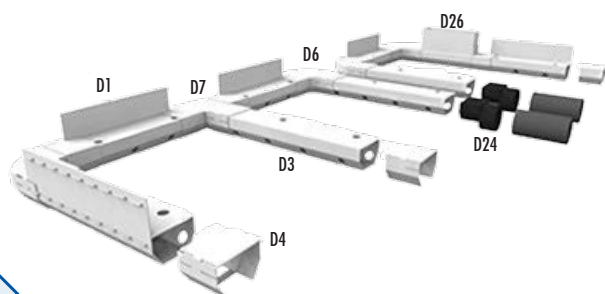
- » 50mm rigid extruded polystyrene (XPS) insulation
- » Forms a 50mm spacer adjacent to CDM BaseDrain and FloorDrain drainage channels
- » 500 kPa compressive strength
- » Can be permanently submersed in water



Code	Board Size	Pack Size	Area
500-C	50 x 1000 x 600mm	8 boards	4.8m² per pack

CDM BaseDrain & CDM FloorDrain

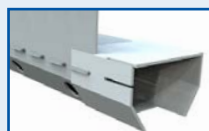
- » Works seamlessly with CDM Fibran XPS-500C insulation
- » Receives then discharges water to safe drainage - either a sump pump or a natural drainage method



Code	D1
Product	CDM BaseDrain
Size	2m Length
Pack	Single Unit



Code	D3
Product	CDM FloorDrain
Size	2m Length
Pack	Single Unit



Code	D4
Product	CDM BaseDrain Connector
Pack	Single Unit



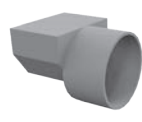
Code	D6
Product	CDM BaseDrain Corner
Pack	Single Unit



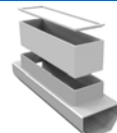
Code	D7
Product	CDM BaseDrain T-Piece
Pack	Single Unit



Code	D22
Product	CDM BaseDrain Joint Tape
Pack	Single Unit



Code	D24
Product	CDM BaseDrain Adaptor
Pack	Single Unit



Code	D26
Product	CDM BaseDrain Inspection Port Kit
Pack	Single Unit

BASEBOARD DRAINAGE SYSTEM



CDM BASEBOARD Above-Slab Drainage Conduit

- » Exclusive to Newton - designed to intercept and channel water entering at the wall-floor junction, providing a key line of defence against water ingress

Code	Description	Colour
D9	CDM BaseBoard Corner Piece - Outside Corner	White
D10	CDM BaseBoard Corner Piece - Inside Corner	White
D11L	CDM BaseBoard End Cap - Left	White
D11R	CDM BaseBoard End Cap - Right	White
D12	CDM BaseBoard Drainage Channel - 2m Length	White
D12H	CDM BaseBoard Hanger	White
D13	CDM BaseBoard Connector	White
309-M	HydroTank 309 Flexible Adhesive - 290ml cartridge	White

CDM ACCESS & INSPECTION PANELS



CDM Access Panel Metal Door Beaded Frame

- » Provides access to the CDM BaseDrain Inspection Ports
- » Perforated flange as a key
- » Used where the surface is yet to be skimmed or tape and jointed

Code	Dimensions
CDM-AP-300MB	300mm x 300mm



CDM Access Panel Metal Door Picture Frame

- » Provides access to the CDM BaseDrain Inspection Ports
- » Solid frame sits on the wall and covers the cut opening
- » Used when the surface has already been finished

Code	Dimensions
CDM-AP-300MP	300mm x 300mm



CDM Access Panel Plasterboard Beaded

- » Provides access to the CDM BaseDrain Inspection Ports
- » A plasterboard-faced pivoting door tray
- » Can be over painted after a skim coat of plaster

Code	Dimensions
CDM-AP-300PB	300mm x 300mm

FIXING PLUGS, TAPES & ANCILLARIES



CDM MultiPlug Cavity Drain Fixing Plug

- » Specialist fixing plug for securing the CDM System
- » Requires 10mm drill bit
- » Provides a fixing point for 5mm screws and Helical MultiPlug wall ties

Codes	Length	Description	Units
A1	57mm	Blue (red washers)	100
A24		Blue (no washers)	



CDM NuSeal Plug Fixing to Vaults/Soffits

- » A longer fixing plug, sealed with CDM Rope (A6)
- » Requires 11mm drill bit
- » For fixing CDM System membranes to vaulted ceilings and sloping soffits

Code	Length	Description	Units
A2	70mm	Blue (no washers)	100



CDM Brick Plug Fixing to Brick/Concrete

- » Fixing plug for damp and waterproofing membranes
- » Requires 10mm drill bit
- » Provides a fixing point for 5mm screws and Helical MultiPlug wall ties

Code	Length	Description	Units
A3	59mm	Black (orange washers)	100



CDM Insulation Fixing Plugs

- » Plug for mechanically fixing CDM Fibran XPS 500-C insulation boards to the concrete slab or raft
- » Ideal when a lightweight floor finish will be above the insulation

Code	Size	Colour	Units
IF90	90 x 10mm	White	200



CDM Joint Tape Sealing Within Lap Joints

- » Double-sided butyl sealing tape with peel-off paper
- » When overlapping CDM System membranes, use the tape to seal the flanged and the stud-into-stud laps between adjacent sheets

Code	Size	Colour
A5	30mm x 2mm x 22.5m	Black



CDM OverTape Sealing Over Joints

- » Single-sided butyl tape
- » Reinforces joints & detailing for protrusions through non-meshed membranes
- » Third-party tested for resistance to Radon gas

Codes	Sizes	Colour	Units
A7	150mm x 20m	Black	1
A8	100mm x 20m	Black	1

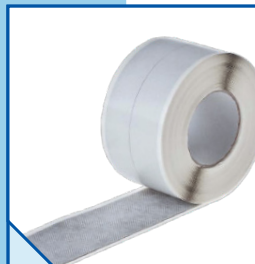
FIXING PLUGS, TAPES & ANCILLARIES



CDM CornerStrip Sealing Wall-Floor Joints

- » Single-sided, high-strength butyl sealing tape
- » Seals the CDM membrane wall-floor joint
- » Third-party tested for resistance to Radon gas

Codes	Size	Colour	Units
A48	100mm x 20m	Black	1
A47	150mm x 20m	Black	1



Mesh Tape Sealing Over Mesh Joints

- » Single-sided sealing tape with meshed upper surface
- » Used in the same way as CDM OverTape but to meshed cavity drain membranes where a meshed surface is required

Code	Size	Colour	Units
A25	100mm x 10m	Grey/White	1



CDM Rope Sealing CDM NuSeal Plugs

- » 10mm wide bead of butyl
- » Use a small quantity to form a sealing grommet at the base of the CDM NuSeal Plug when fixing CDM System membranes to vaults and soffits

Code	Size	Colour
A6	10mm x 10mm x 4.75m	Black



CDM BaseDrain Joint Tape for Drainage

- » For securing the CDM BaseDrain and FloorDrain lengths to each other and to other CDM BaseDrain components
- » Prevents drainage channels moving during installation

Codes	Sizes	Colour	Units
D22	50mm x 50m	White	1



CDM Helical MultiPlug Wall Ties

- » Range of wall tie lengths for use with the CDM MultiPlug fixing plugs
- » Supplied with hand fixing tool (product code WTT)

Codes	Lengths	Material	Units
WT + Length	155, 170, 195, 220, 245, 270, 295, 325 mm	Stainless Steel	100



Taped Membranes
Both joint and lap tapes ensure that the cavity drain membranes are completely sealed.

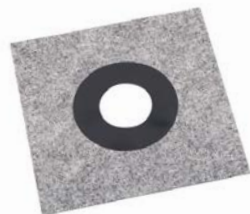
FIXING PLUGS, TAPES & ANCILLARIES



CDM 906 Lime Inhibitor for Concrete

- » Applied to concrete prior to installing the CDM System
- » Prevents free lime leaching from concrete into the drainage system
- » Dilute with 9 parts water and easily spray-apply

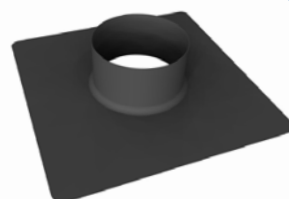
Code	Size	Colour	Application Rate
906	1L	White	100m ² per litre



Pipe Collar Pre-formed Pipe Seal

- » Flexible pipe seal for pipes from 75-110mm in diameter
- » Seal the junction between the flat CDM System membranes and protruding pipe penetrations

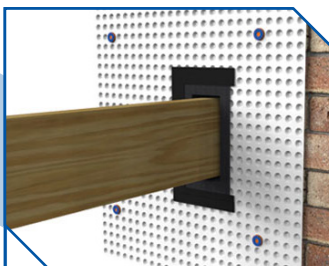
Code	Suitable for	Colour	Units
A35	75 - 110mm pipes	Grey	1



Newtonite Pipe Sleeve For 110mm Waste Pipes

- » Preformed sleeve for sealing around 110mm waste pipe entries and protrusions
- » Seal to the membrane with CDM Joint Tape and over seal with either CDM OverTape or Mesh Tape

Code	Suitable for	Colour	Units
BX3	110mm pipes	Black	1



Newtonite Joist Liner Sealing Behind Joist Ends

- » Made-to-measure lining for steel or timber, ensuring the membrane continuity
- » Seal to the membrane with CDM Joint Tape and over seal with either CDM OverTape or Mesh Tape

Code	Dimensions	Colour	Units
BX4	Made to order	Black	1



Back Box Liners Sealing Pattress Boxes

- » Lining for single or double-sized pattress boxes
- » Seal to the membrane with CDM Joint Tape and over seal with either CDM OverTape or Mesh Tape

Codes	Size	Dimensions	Units
BX1	Single Box	134 x 134 x 35mm	1
BX2	Double Box	200 x 134 x 35mm	1



HydroTank 309 Flexible Adhesive

- » Flexible, non-swelling option for waterbars, CDM BaseBoard (p29) as well as general panels, frames and other similar elements
- » Bonds to most building materials

Code	Size	Colour
309-M	290ML	White

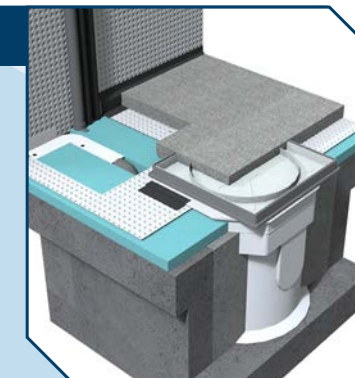
TITAN-PRO - CDM PUMPING SYSTEM

The Titan-Pro sump system is specifically designed for use with the CDM System, providing long-term durability and performance for the life of the building when paired with our class-leading pumps.

SIZING YOUR TITAN-PRO SYSTEM

- » The Titan-Pro packaged pump system is offered with automatic pumps and single discharge lines
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 34)
- » Paired battery backup options also available (page 35)
- » 150mm neck is cut-to-height depending on floor depth

Use the table below to plot your discharge length and head height to find the pumps best suited to your project.



		Horizontal Discharge Length (Metres)					
		5	10	15	20	25	30
Hydrostatic Head (Metres)	10						
	9						
	8						
	7						
	6						
	5						
	4						
	3						
	2						
		TAS250 Pumps		NP400 eco Pumps		NP750 eco Pumps	Details Below

PRE-BUILT TITAN-PRO SYSTEMS

Fully built pump system featuring high quality pumps, including all internal pipe and pipe fittings ready for connection to a 63mm or 50 mm rising main. Does not include alarm or monitoring devices - please order your preferred device from the options on page 34.

Code	Pumps	Automatic or Manual Pumps	Number of Pumps	Number of Rising Mains
CDM1	TAS250	Automatic	Two	One
CDM2	NP400 eco	Automatic	Two	One
CDM3	NP750 eco	Automatic	Two	One

CONTROL PANELS, ALARMS & MONITORING



Pump Controller Twin Pump Panel

- » Use with matched manual pumps up to 250-750W
- » Sophisticated, simple-to-install twin pump control
- » Automatically tests pumps every 7 days

Code	Size	Power Supply
CP9	300 x 194 x 58mm	230V AC

High Water Alarm Detect High Water Levels in Sump Chambers

- » Recommended for ordering with the Titan-Pro system (p33) and Titan compact pump system (p81) except where the Pulse monitoring system (below) is used
- » For single or twin pumps with no control panel
- » Dual power options - either powered via a 12 VDC mains adapter (3-pin) or directly from the large DC battery when used in conjunction with the Victron Battery Backup System (p35)
- » Additionally, a 9 VDC battery ensures continued alarm operation during mains power failure in systems without a battery backup
- » Automatic or manual reset options following an alarm event



Codes	Dimensions	Dimensions (mounted in Back Box)	Weight	Power Source Options
PA50-12/M	152 x 92 x 37mm	152 x 92 x 8mm	700g	Supplied with a wall plug for 230V power
PA50-12/B				Supplied with lead for connecting to inverter

PULSE & BRIDGE CLOUD UNITS Cloud-Based Monitoring for Both New and Existing Basement Pump Systems

- » The Newton Pulse is an advanced unit for new pump systems. It enables remote monitoring of alarm events and pump operation with float switches installed in the sump chamber
- » The Newton Bridge is a retrofit unit for existing pump systems. It enables remote monitoring of alarm events and pump operation by interfacing with existing panels or alarms
- » The Pulse and Bridge equip pump systems with intelligent monitoring, instant notifications and future-proof performance
- » Both systems can also provide monitoring and notifications for Victron Battery Backup systems
- » With smart monitoring, you can prevent flooding, reduce maintenance costs, and safeguard valuable assets

Code	Suitable for	Relay Outputs	Digital Inputs	Dimensions	IP Rating
Pulse	New installs	2 NO/NC	4	154 x 78 x 48mm	IP20
Bridge	Existing	2 NO/NC	4	154 x 78 x 48mm	IP20

BATTERY BACKUP KITS



500VA Inverter Kit Victron 12/500/20

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 500VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB5K	Battery backup kit (no battery)	500 VA



800VA Inverter Kit Victron 12/800/35

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 800VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB1K	Battery backup kit (no battery)	800 VA



2000VA Inverter Kit Victron 12/2000/80

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 2000VA Inverter, switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB18K	Battery backup kit (no battery)	2000 VA



12V DC Batteries Victron 38, 60 & 115 Ah

- » Supply power to the Victron Inverter/Charger units that it converts into 230-volt AC
- » Can be single units or combined as battery banks

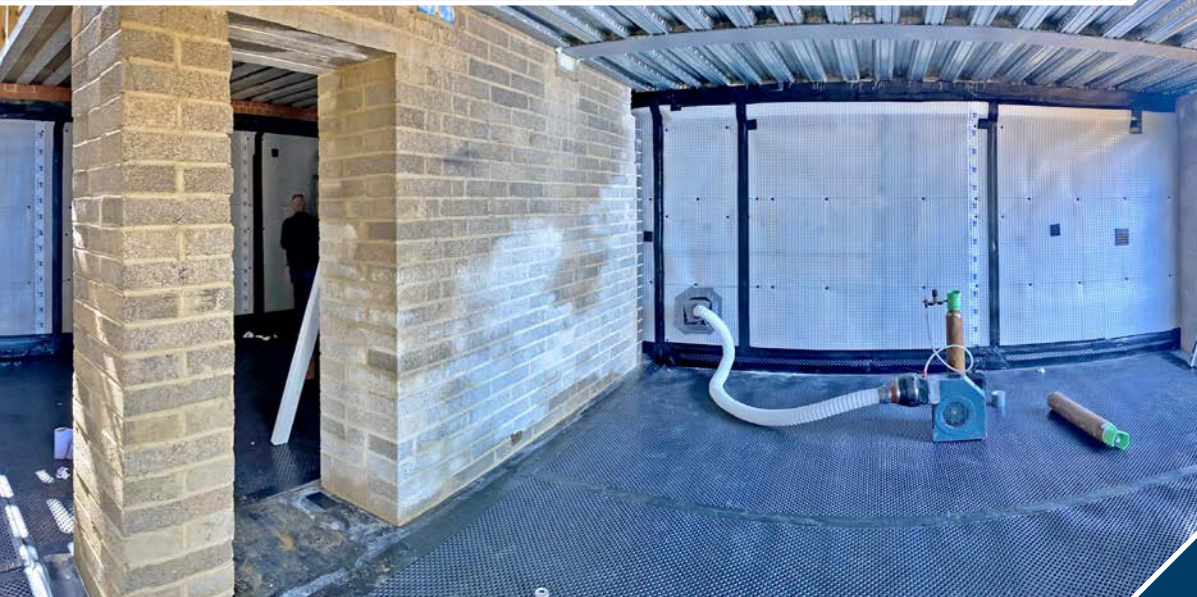
Code	Amp Hours	Type	Power
BB38	38 Ah	Super Cycle	12 V
BB60	60 Ah	Super Cycle	
BB115	115 Ah	Deep Cycle AGM	

COMPLETE BATTERY BACKUP SYSTEMS Including Correctly Sized Inverters and Batteries

- » The Victron MultiPlus inverter/chargers can also be purchased as a full system that includes the matched Victron battery
- » Get in touch with our Technical Team to discuss the recommended battery sizes for your pumping requirements
- » The full backup system includes the inverter, ancillaries, protections and matched batteries

Code	Inverter Included	Battery Included	Compatible Pump System/s
BB5K38	Victron 12/500/20	38 Ah battery	CDM1, T2, T3
BB5K60	Victron 12/500/20	60 Ah battery	CDM1, T2, T3
BB5K115	Victron 12/500/20	115 Ah battery	CDM1, T2, T3
BB1K38	Victron 12/800/35	38 Ah battery	CDM2
BB1K60	Victron 12/800/35	60 Ah battery	CDM2
BB1K115	Victron 12/800/35	115 Ah battery	CDM2
BB18K60	Victron 12/2000/80	60 Ah battery	CDM3
BB18K115	Victron 12/2000/80	115 Ah battery	CDM3

PAC-500 System

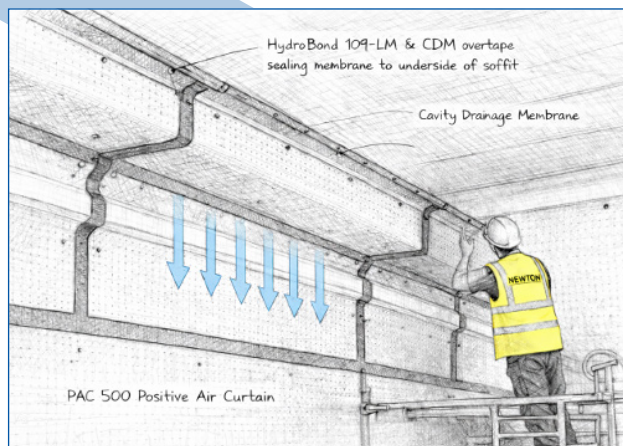


COMBINED GROUND GAS & WATERPROOFING

GROUND GAS PROTECTION & CAVITY DRAIN WATERPROOFING

The PAC-500 'Positive Air Curtain' System is a combined basement waterproofing and radon mitigation solution which provides Type C waterproofing protection combined with full radon protection measures within earth-retaining structures.

Installed by trained and approved Specialist Basement Contractors, the patented solution combines our CDM System for cavity drain waterproofing with a positive pressure air delivery system.



Where protection against other ground gases, such as methane or carbon dioxide (CO₂) is required, the system can be enhanced with additional products as specified by our partner, Prestige Air Technology.

Speak to Newton regarding our approved specialist contractors who can install the PAC-500 System.

Scan the QR code with your phone to go to our website and find out more about the Newton PAC-500 System.



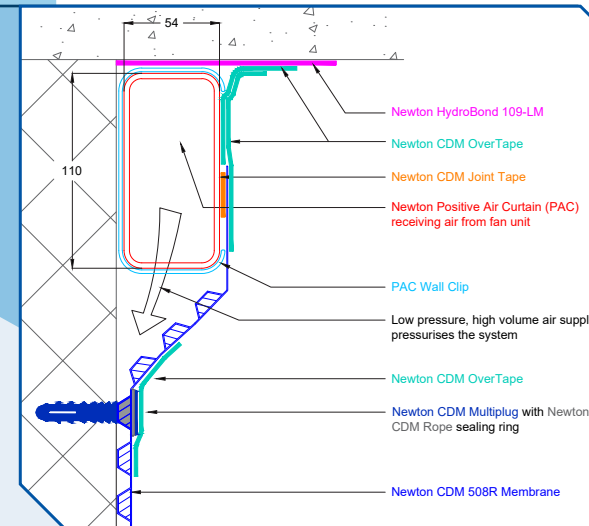
PAC-500 RADON & WATERPROOFING

Total Protection Against Radon and Ground Water

The PAC-500 System collects and removes both water and radon that enters the structure, utilising components that have been designed for this purpose.

Our cavity drain products including 508R, CDM OverTape, CDM Joint Tape and CDM Rope have been tested independently and carry certification that they are suitable for use in radon mitigation systems.

Membrane joints are double-sealed to ensure full protection and reduce the risk of leaks due to imperfections.



Once sealed, the Type C System is enhanced by the introduction of a low pressure, high volume air supply behind the membranes via the PAC input manifold and pressure delivery unit (PDU). This method reduces radon ingress as well as removing it from behind the sealed membranes.

On installation completion the system is tested and verified by Prestige Air Technology for complete peace of mind. The system can also be upgraded to protect against ground gases such as methane and CO₂ with additional components added as required to the system design.

Code	PAC-500 System Components	Colour	Pack Size
M2R	508R - 8mm Cavity Drain Membrane & Radon Barrier	White/Blue	40m ²
A24	CDM MultiPlugs	Blue (no washers)	100 units
A6	CDM Rope	Black	10mm x 10mm x 4.75m
A5	CDM Joint Tape	Black	30mm x 2mm x 22.5m
A7 / A8	CDM OverTape	Black	150/100mm x 20m
See page 28	CDM BaseDrain & CDM FloorDrain	White	Various
See page 33	Titan-Pro	White	Single Unit
On application	PAC 100mm Pressure Delivery Unit	White	On application
On application	PAC Air Input Manifold	White	On application
On application	PAC Wall Clips	White	On application

PolyMaxx System



DECK & FLAT ROOF WATERPROOFING

Newton PolyMaxx HA is a seamless, hand-applied, glass fibre-reinforced membrane system for use on decks, roofs and balconies. The system is supported by a 20-year warranty, is certified by the BBA, and achieves BROOF (t4) in accordance with BS EN 13501-5:2016.

The PolyMaxx HA system is installed by trained and certified contractors, with a wide range of potential applications, including covered or protected decks, buried decks, balconies and decks with foot traffic, warm roofs, zero fall blue roofs or inverted roofs, and green roofs.



The PolyMaxx System:

Page Product Type

- 39 Resin & Resin Ancillaries
- 40 Carrier Membrane, AVCL & Adhesive
- 41 Priming & Reinforcement
- 42 Decorative, Grip & Wearing Coats
- 42 Coloured Anti-Slip Coatings
- 43 PolyMaxx Installation Kits
- 43 Pre-Formed GRP Trims

RESIN & RESIN ANCILLARIES



PolyMaxx HA - Deck Waterproofing Resin

- » High-performance hybrid polymer resin coating - main component of the PolyMaxx HA System



Code	Size	Colour	Coverage
PMHA-DG	14.2L	Dark Grey	1.35 L/m ² in two coats



PolyMaxx HA Catalyst for the PolyMaxx System

- » Ensures optimum curing times in all seasons
- » Amount required is dependent on temperature (refer to chart)



Code	Size	Coverage
PMHAC	1kg	0.04kg/m ² (depending on use)



PolyMaxx HA Mat 225 Fibreglass Matting

- » 225g/m² fibreglass reinforcement matting which is embedded into the first coat of PolyMaxx HA resin



Code	Dimensions	Area	Coverage
PMHAM	1m x 50m	50m ²	48m ²



PolyMaxx HA Curing Accelerator

- » This low temperature curing accelerator enables the PolyMaxx HA to be installed as low as 1-3°C
- » Also recommended in temperatures of 4-10°C



Code	Size	Coverage
PMHAA	600g	1 unit per 14.2 litres of resin



PolyMaxx HA Curing Inhibitor

- » High temperature curing inhibitor that increases the curing time and pot life in temperatures of 25°C
- » Application is not possible above 30°C



Code	Size	Coverage
PMHAI	210g	1 unit per 14.2 litres of resin



Multi-Use System

PolyMaxx HA can be used on new or existing concrete, beam & block, balconies and decks.

CARRIER MEMBRANE, AVCL & ADHESIVE



PolyMaxx Carrier SF Sand-Faced Membrane

- » 2mm carrier layer provides a stable surface to apply over block & beam and/or warm roof insulation
- » Cold-applied without flames
- » Membrane does not require priming once installed

Code	Dimensions	Area	Coverage
PMCSF	1m x 15m	15m ²	13.8m ²



PolyMaxx AVCL Foil-Faced AVCL Barrier

- » High performance and self-adhesive vapour control layer
- » Aluminium foil layer gives very high vapour resistance
- » Cold applied & waterproof

Code	Dimensions	Area	Coverage
PMAVCL	1.08m x 40m	43.2m ²	40m ²



PolyMaxx Carrier Adhesive

- » Adhesive and primer for the PolyMaxx Carrier SF - sand-faced membrane
- » Dramatically increases the bond strength of the self-adhesive membrane

Code	Size	Coverage
PMCA-10	10 Litre tin	20-80m ² depending on porosity
PMCA-22	22 Litre spray pot	

Reinforced Resin System

- » The system has a life expectancy of at least 20 years and once installed, does not require inspection or maintenance by the manufacturer.
- » Contractors who are trained and registered by Newton for installing the PolyMaxx HA System are able to provide the client with 20-year warranties supported by Newton Waterproofing Systems

PRIMING & REINFORCEMENT



PolyMaxx HA Primer Multi-Surface Primer

- » For application of PolyMaxx HA to bituminous coatings, single ply membranes, concrete or timber surfaces
- » Also requires PolyMaxx HA Catalyst

Code	Size	Coverage
PMHAP	5 Litre Tin	4-6 m ² /litre



PolyMaxx HA Primer Accelerator

- » For low-temperature use of the PolyMaxx HA Primer
- » Enables application temperatures as low as 1°C
- » Required for temperatures up to 5°C

Code	Size	Coverage
PMHAPA	400g	1 unit per 5 Litres of Primer



PolyMaxx Detailing Primer for Metal

- » For the detailing/priming of metal substrates prior to applying the first coat of PolyMaxx HA Resin
- » Wipe the metal clean before applying

Code	Size	Coverage
PMDP	250ml	50-150 m ² /litre



PolyMaxx Support Band Reinforcement

- » Provides reinforcement at all structural joints/cracks and for joints between square edge timber boards
- » Simply bed into the first coat of resin

Code	Size	Coverage
PMSB	100mm x 33m	33 metres



PolyMaxx Zinc Wash for Preparing New Zinc

- » For the preparation of new zinc components prior to the application of PolyMaxx Detailing Primer and then the first coat of PolyMaxx HA Resin

Code	Size	Coverage
PMZW	5 Litres	Site dependent



Wall Fillet Trims GRP & Solid Foam Fillets

- » Angled fillet trims for use where flat roofs or decks butt against an existing wall or parapet
- » Works with all applications of the PolyMaxx HA System

Code	Description	Size
PMTWF	GRP Wall Fillet	150 x 120mm x 3m
PMFTWF	Solid Foam Wall Fillet	50 x 50 x 1200mm

DECORATIVE, GRIP & WEARING COATS



PolyMaxx Quartz Sand - 0.7-1.2mm

- » Textured and non-slip wearing coat



Code	Colour	Coverage	Size
PMQS-BO	Barn Owl Blend	2.5 kg/m ²	25kg
PMQS-V	Vineyard Blend		
PMQS-H	Hillside Blend		
PMQS-B	Bayside Blend		
PMQS-HT	Harvest Blend		
PMQS-M	Mist Blend		



PolyMaxx Mineral Slate Aggregate

- » A mid-grey, mineral slate aggregate that provides a textured and non-slip wearing coat finish
- » Suitable for foot traffic
- » Requires PolyMaxx Sealer for high-traffic areas

Code	Colour	Coverage	Size
PMMS	Mid-Grey Slate	2.5kg/m ²	15kg



PolyMaxx Sealer Clear Wearing Coat

- » Hard-wearing, clear sealer for easy cleaning and enhanced protection over protective finishes
- » Kit includes the required catalyst



Code	Size	Colour	Area
PMTC	9.6 Litres	Clear	0.6 Litres/m ²

COLOURED ANTI-SLIP COATINGS

PolyMaxx Grip Coatings

Coloured, High-Grip Coatings Available in a Wide Range of Colours

- » High-grip and high-wear decorative coatings provide an aesthetic and durable finish for areas with high levels of foot traffic
- » PolyMaxx Sealer can be applied over the top to enhance durability and ease of cleaning
- » Also requires PolyMaxx HA Catalyst



Code	Description	RAL Colour	Pack Size	Approx. Coverage Rate	m ² per Pack
PMGC5015	PolyMaxx Grip Coating - Sky Blue	RAL 5015	10kg	1m ² per kg Dependent on substrate porosity	10m ²
PMGC3020	PolyMaxx Grip Coating - Red	RAL 3020			
PMGC9017	PolyMaxx Grip Coating - Black	RAL 9017			
PMGC9016	PolyMaxx Grip Coating - White	RAL 9016			
PMGC1007	PolyMaxx Grip Coating - Yellow	RAL 1007			
PMGC6018	PolyMaxx Grip Coating - Green	RAL 6018			
PMGC7016	PolyMaxx Grip Coating - Anthracite	RAL 7016			
PMGC7040	PolyMaxx Grip Coating - Grey	RAL 7040			

POLYMAXX INSTALLATION KITS

PolyMaxx Starter Installation Kit

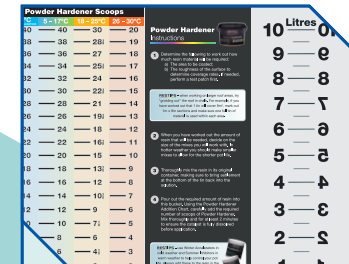
- » The right tools are crucial for achieving a high-quality PolyMaxx installation
- » This kit contains everything needed for a fast and professional application

Item	Quantity
4" Roller Frame	1
4" Roller Sleeves - Short Pile	10
9" Roller Frame	1
9" Roller Sleeves - Short Pile	20
Roller Frame Extension 1m - 2m	1
Paint Scuttle - 15 Litre	3
Paint Scuttle - 2.5 Litre	1
Multi-purpose Bucket - 12 Litre	1
Acetone - 1 Litre	1
All-Purpose Rags	1 pack
4" Disposable Brushes	4
Industrial Strength Disposable Gloves	1 box
Whisk for Mixing	1
Infrared Thermometer	1

PolyMaxx Top-Up Installation Kit

- » The right tools are crucial for achieving a high-quality PolyMaxx installation
- » If you're doing multiple PolyMaxx HA installations and you need to replace the disposable items from your installation kit, this top-up pack contains everything needed to re-supply, ready for the next installation

Item	Quantity
4" Roller Sleeves - Short Pile	10
9" Roller Sleeves - Short Pile	20
Paint Scuttle - 15 Litre	3
Paint Scuttle - 2.5 Litre	1
Multi-purpose Bucket - 12 Litre	1
4" Disposable Brushes	2
Industrial Strength Disposable Gloves	1 box



PolyMaxx Calibrated Mixing Bucket

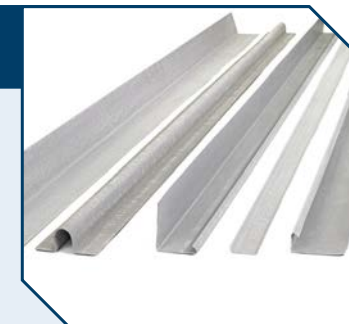
- » A fully printed calibrated bucket for making mixes of up to 10 litres
- » Includes a handy guide for mixing accurate ratios of the PolyMaxx HA primer, resin and hardener

Code	Size	Pack Size
PMMB	10 Litre	Single Unit

PRE-FORMED GRP TRIMS

Rigid, Pre-Formed GRP Finishing Trims

- » Where required, the PolyMaxx range of rigid, GRP trims provide a fast and reliable means of installing the correct finishing trim to ensure perfect detailing on roofs and balconies
- » Robust and tough, creating a perfect detailing finish
- » Quickly create neat and streamlined detailing
- » Easy to install with consistent jointing



65mm Drip <table> <tr> <th>Code</th><th>Size</th><th>Pack Size</th></tr> <tr> <td>PMTD65</td><td>65mm x 3m</td><td>10 units</td></tr> <tr> <td></td><td></td><td>30 Linear Metres</td></tr> </table>	Code	Size	Pack Size	PMTD65	65mm x 3m	10 units			30 Linear Metres	100mm Upstand Fascia <table> <tr> <th>Code</th><th>Size</th><th>Pack Size</th></tr> <tr> <td>PMTUF100</td><td>120mm x 3m</td><td>10 units</td></tr> <tr> <td></td><td></td><td>30 Linear Metres</td></tr> </table>	Code	Size	Pack Size	PMTUF100	120mm x 3m	10 units			30 Linear Metres	100mm Cover Flashing <table> <tr> <th>Code</th><th>Size</th><th>Pack Size</th></tr> <tr> <td>PMTCF</td><td>100 x 30mm x 3m</td><td>10 units</td></tr> <tr> <td></td><td></td><td>30 Linear Metres</td></tr> </table>	Code	Size	Pack Size	PMTCF	100 x 30mm x 3m	10 units			30 Linear Metres
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85mm Drip <table> <tr> <th>Code</th><th>Size</th><th>Pack Size</th></tr> <tr> <td>PMTD85</td><td>85mm x 3m</td><td>10 units</td></tr> <tr> <td></td><td></td><td>30 Linear Metres</td></tr> </table>	Code	Size	Pack Size	PMTD85	85mm x 3m	10 units			30 Linear Metres	120mm Upstand Fascia <table> <tr> <th>Code</th><th>Size</th><th>Pack Size</th></tr> <tr> <td>PMTUF120</td><td>100mm x 3m</td><td>10 units</td></tr> <tr> <td></td><td></td><td>30 Linear Metres</td></tr> </table>	Code	Size	Pack Size	PMTUF120	100mm x 3m	10 units			30 Linear Metres										
Code	Size	Pack Size																											
PMTD85	85mm x 3m	10 units																											
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PMTUF120	100mm x 3m	10 units																											
		30 Linear Metres																											



Specialist adhesives and mastics play a critical role in the correct installation of waterproofing products as they ensure joints, penetrations and interfaces are effectively sealed and bonded.

These products are formulated to provide strong adhesion to a wide range of substrates including concrete and plastics, and they remain elastic and durable, accommodating structural movement without losing their seal.

In waterproofing systems, adhesives and mastics fill gaps, bond components together and seal around penetrations, ensuring waterproofing continuity.

In damp proofing applications they prevent moisture from bridging between substrates and finishes, maintaining a dry internal environment.

They deliver long-term resistance to water, temperature and ageing, helping to maintain the integrity of the waterproofing installation over time.

STAY UP TO DATE

The latest product data is always available via the product pages on our website...



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ADHESIVES & MASTICS



HYDROTANK 306 SWELLMASTIC

Swelling Adhesive

- » Swells in contact with water to 200% of its original size
- » An adhesive for installing hydrophilic waterbars
- » For detailing HydroBond 403 pre-applied membrane
- » Sealing service protrusions through the structure
- » To further waterproof around pipes that have been sealed with 307 PipeSeal

Code	Size	Colour	Application Rate
306	310ml cartridge	White	5.5 - 8.5 linear metres



HYDROTANK 309 FLEXIBLE ADHESIVE

Durable & Flexible Mastic

- » Flexible, non-swelling adhesive for securing hydrophilic waterbars, CDM BaseBoard (p29) as well as general panels, frames and other similar elements
- » Bonds to most building materials
- » Extremely strong and permanently elastic
- » Suitable for interior and exterior use - UV resistant

Code	Size	Colour
309-M	290ml cartridge	White



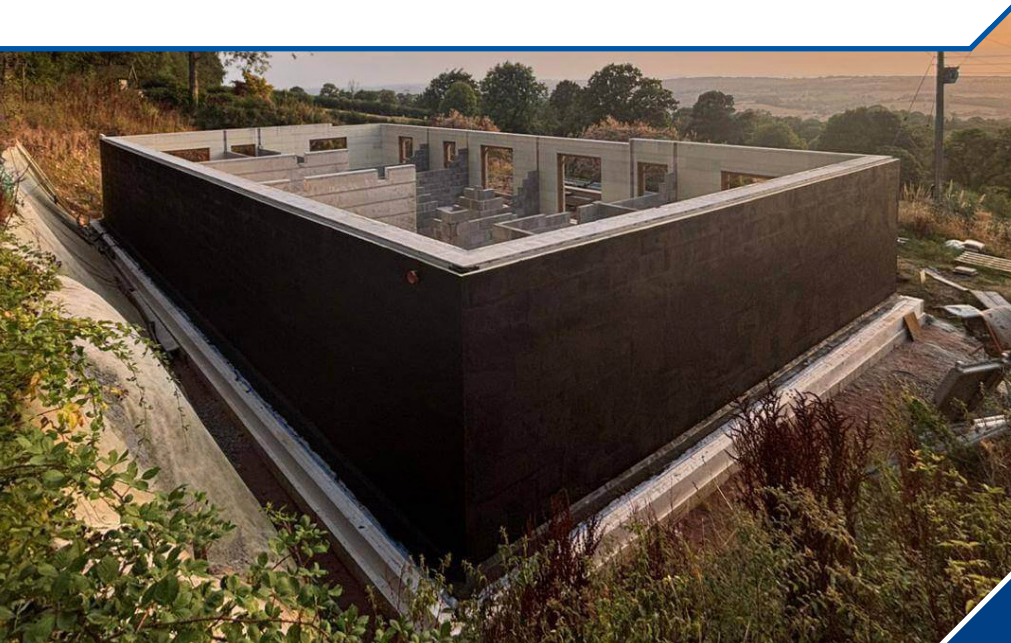
NEWTONITE 801 MASTIC

Sealant for Damp Proofing Fixings

- » Seals fixing plugs to Damp Proofing Membranes, including Newtonite and Newtonite Lath
- » Seals around service penetrations and protrusions through the substrate/membrane
- » A general, high performance and multi-purpose sealant in the building industry

Code	Size	Colour	Units
A18	310ml cartridge	White	1

BITUMASTIC COATINGS



Bitumastic coatings are flexible, cold-applied, and seamless membranes designed to create durable barriers against water ingress.

Applied in liquid form, once cured they create a continuous, joint-free and fully bonded membrane. Bitumastic coatings also exhibit strong adhesion to prepared concrete and masonry substrates.

The performance of these products depends on correct product selection, substrate preparation, detailing quality, and applied thickness.

These systems must also be specified within their intended application limits, taking account of the height of the retaining structure, groundwater conditions, and interface detailing.

By bearing these factors in mind, it is possible to ensure long-term performance and compliance with British Standard 8102:2022.

STAY UP TO DATE

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Contact our expert team by email tech@newtonwaterproofing.co.uk

BITUMASTIC COATINGS



HYDROBOND 2K-FLEX

Flexible, Reinforced Bitumen Membrane

- » External waterproofing of below-ground structures and retaining walls
- » Complete vapour barrier
- » Flexibility to bridge cracks up to 2mm
- » Easily applied up to 7mm thick

Code	Size	Colour	Application Rate
HB-2K	30 Litres	Black	5.6 Litres/m ²



HYDROBOND 109-LM

Detailing Membrane

- » Flexible, single-component and cold-applied seamless rubber membrane
- » Vapour barrier
- » Acts as a loading-capable, liquid DPM
- » Used as a detailing membrane as part of both the HydroBond System and the CDM System

Code	Size	Colour	Application Rate - 3mm Thick
109MV	20 Litre tub	Black	1.6L/m ² per coat in three coats

Detailing Membranes

These flexible and liquid-applied membranes are extremely useful for detailing to the Newton HydroBond System - providing continuity from the below-ground waterproofing membrane to the above-ground DPC.



CAVITY DRAIN WATERPROOFING



Cavity drain membrane (CDM) systems are a maintainable, internal basement waterproofing solution, suitable for protecting below-ground environments against water that has penetrated through the structure.

CDM Systems are known as 'Type C' waterproofing in British Standard 8102:2022 and are ideal for many types of project, including new-build, refurbishment and historic/listed structures.

Known as the most failsafe form of waterproofing, cavity drain membranes capture ingressing water at the point of entry, before the CDM drainage system manages and directs the water to an integral pumping system or drainage outlet for safe removal.

The Titan-Pro packaged sump and pump system is designed to be used with the CDM System. Compatible with a variety of high-quality pumps, it is ideal for almost any CDM system.

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PROFESSIONAL CAVITY DRAIN MEMBRANES

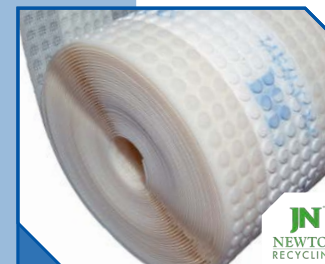


503 - 3mm Cavity Drain Wall Membrane

- » 3mm studs for when space is limited
- » CDM wall membrane in basements, cellars, vaults and tunnels
- » BBA certified



Code	Size	Colour	Area
NM5	2m x 20m	White/Clear	40m²

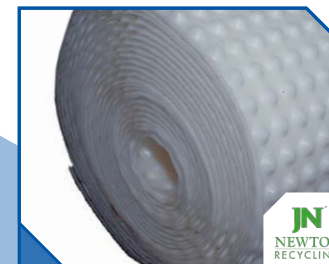


503 Mesh - 3mm Meshed Wall Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » 3.5mm deep for when space is limited
- » BBA certified



Code	Size	Colour	Area
NM11	2m x 20m	White/Clear	40m²



508R - 8mm Membrane & Certified Radon Barrier

- » Heavier and stronger than standard 8mm cavity drain membranes
- » Third-party tested barrier to Radon gas



Code	Size	Colour	Area
M2R	2.07 x 20m	White	41.4m²
M1R	2.4 x 20m	White	48m²

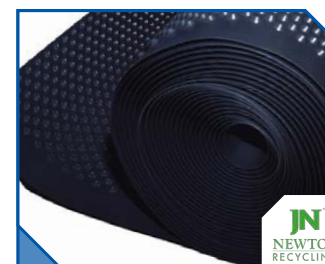


508 Mesh - 8mm Meshed Wall Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » BBA certified membrane
- » 8mm depth



Code	Size	Colour	Area
NM3	2m x 20m	White/Clear	40m²

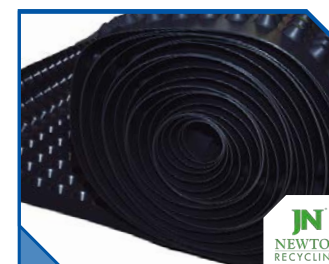


508 eco Floor - 8mm Recycled Floor Membrane

- » Recycled and BBA certified
- » Third-party tested as a barrier to Radon gas
- » High compressive resistance due to more studs per m²



Code	Size	Colour	Area
M2	2.5 x 20m	Black	50m²



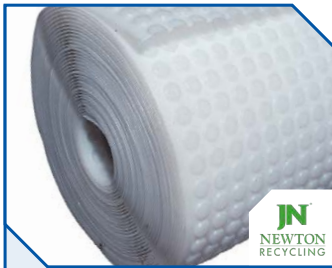
520 eco Floor - 20mm Recycled Floor Membrane

- » 20mm high drainage volume
- » Recycled and BBA certified
- » Third-party tested barrier to Radon gas



Code	Size	Colour	Area
M4	2m x 20m	Black	40m²
M13	2m x 10m	Black	20m²

STANDARD CAVITY DRAIN MEMBRANES



CDM 503 3mm Membrane

- » 3mm studs for when space is limited
- » CDM wall membrane in basements, cellars, vaults and tunnels
- » BBA certified



Code	Size	Colour	Area
M5	2m x 20m	White/Clear	40m ²



CDM 503 Mesh 3mm Meshed Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » 3.5mm deep for when space is limited
- » BBA certified



Code	Size	Colour	Area
M11	2m x 20m	White/Clear	40m ²



CDM 508 8mm Membrane

- » 8mm wall/floor cavity drain membrane
- » BBA certified membrane



Code	Size	Density	Area
M1-7-48	2.4 x 20m	700g/m ²	48m ²
M1-7-40	2 x 20m	700g/m ²	40m ²
M1-5-48	2.4 x 20m	500g/m ²	48m ²
M1-5-40	2 x 20m	500g/m ²	40m ²

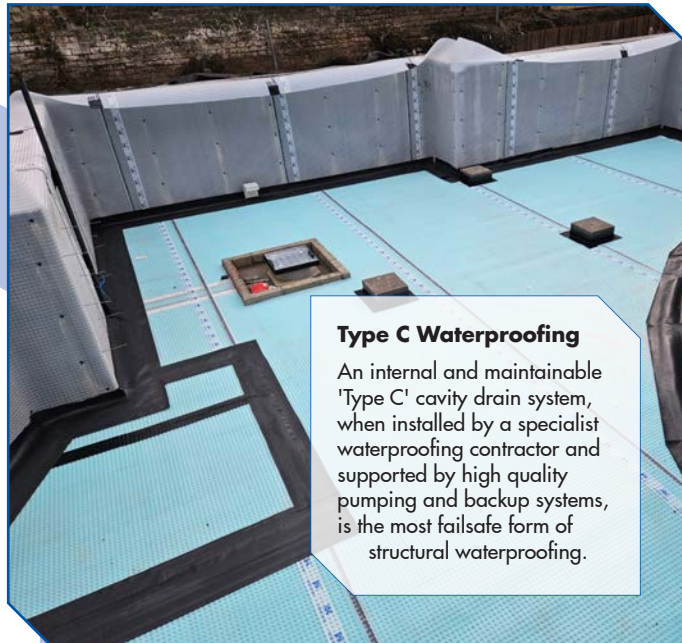


CDM 508 Mesh 8mm Meshed Membrane

- » Meshed surface provides a key for mortars, renders, plasters or dot-and-dab
- » BBA certified membrane
- » 8mm depth



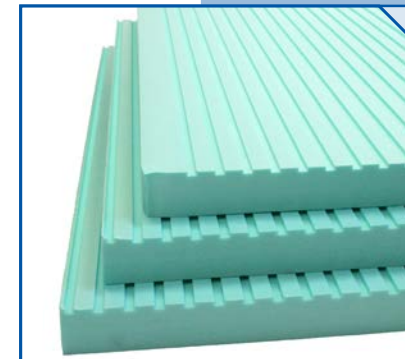
Code	Size	Colour	Area
M3	2m x 20m	White/Clear	40m ²



Type C Waterproofing

An internal and maintainable 'Type C' cavity drain system, when installed by a specialist waterproofing contractor and supported by high quality pumping and backup systems, is the most failsafe form of structural waterproofing.

CDM DRAINAGE SYSTEM



CDM Fibran XPS 500-C

Closed-Cell Insulation Spacer for BaseDrain

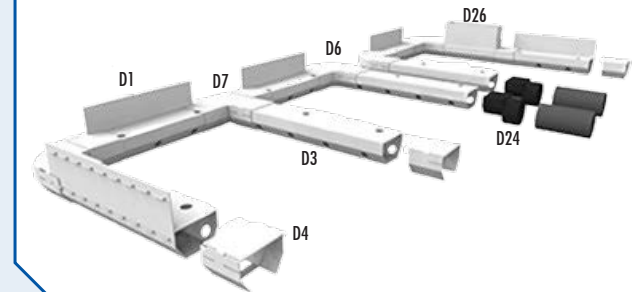
- » 50mm rigid extruded polystyrene (XPS) insulation
- » Forms a 50mm spacer adjacent to CDM BaseDrain and FloorDrain drainage channels
- » 500 kPa compressive strength
- » Can be permanently submerged in water



Code	Board Size	Pack Size	Area
500-C	50 x 1000 x 600mm	8 boards	4.8m ² per pack

CDM BaseDrain & CDM FloorDrain

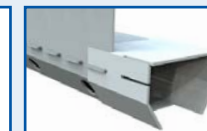
- » Works seamlessly with CDM Fibran XPS-500C insulation
- » Receives then discharges water to safe drainage - either a sump pump or a natural drainage method



Code	D1
Product	CDM BaseDrain
Size	2m Length
Pack	Single Unit



Code	D3
Product	CDM FloorDrain
Size	2m Length
Pack	Single Unit



Code	D4
Product	CDM BaseDrain Connector
Size	Single Unit
Pack	Single Unit



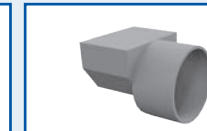
Code	D6
Product	CDM BaseDrain Corner
Size	Single Unit
Pack	Single Unit



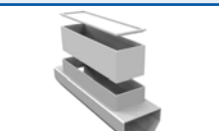
Code	D7
Product	CDM BaseDrain T-Piece
Size	Single Unit
Pack	Single Unit



Code	D22
Product	CDM BaseDrain Joint Tape
Size	Single Unit
Pack	Single Unit



Code	D24
Product	CDM BaseDrain Adaptor
Size	Single Unit
Pack	Single Unit



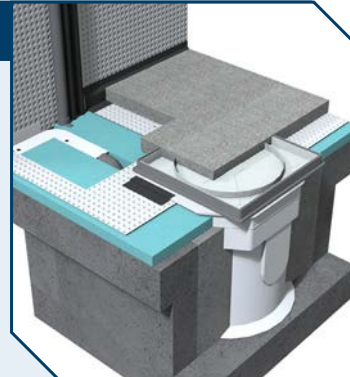
Code	D26
Product	CDM BaseDrain Inspection Port Kit
Size	Single Unit
Pack	Single Unit

TITAN-PRO - CDM PUMPING SYSTEM

The Titan-Pro sump system is specifically designed for use with the CDM System, providing long-term durability and performance for the life of the building when paired with our class-leading pumps.

SIZING YOUR TITAN-PRO SYSTEM

- » The Titan-Pro packaged pump system is offered with automatic pumps and single discharge lines
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 54)
- » Paired battery backup options also available (page 55)
- » 150mm neck is cut-to-height depending on floor depth



Use the table below to plot your discharge length and head height to find the pumps best suited to your project.

		Horizontal Discharge Length (Metres)					
		5	10	15	20	25	30
Hydrostatic Head (Metres)	10						
	9						
	8						
	7						
	6						
	5						
	4						
	3						
	2						
		TAS250 Pumps		NP400 eco Pumps		NP750 eco Pumps	Details Below

PRE-BUILT TITAN-PRO SYSTEMS

Fully built pump system featuring high quality pumps, including all internal pipe and pipe fittings ready for connection to a 63mm or 50 mm rising main. Does not include alarm or monitoring devices - please order your preferred device from the options on page 54.

Code	Pumps	Automatic or Manual Pumps	Number of Pumps	Number of Rising Mains
CDM1	TAS250	Automatic	Two	One
CDM2	NP400 eco	Automatic	Two	One
CDM3	NP750 eco	Automatic	Two	One

TITAN - COMPACT SUMP & PUMP SYSTEMS

The Titan is a compact sump for collecting surface and ground water. The compact size makes it ideal for confined spaces, and can be used with single or twin pumps via a single discharge line.

SELECTING YOUR TITAN COMPACT SYSTEM

- » The Titan compact pump systems are built with automatic pumps and single discharge lines
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 84)
- » Paired battery backup options also available (page 85) depending on pumping volume requirements

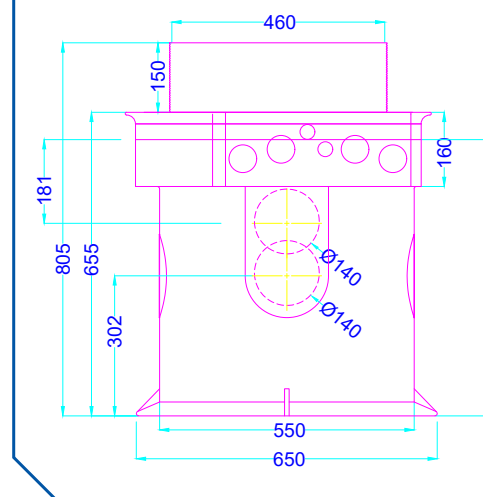


PRE-BUILT TITAN SYSTEMS

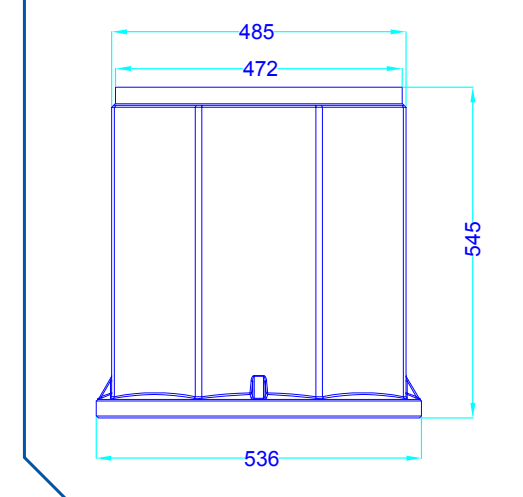
Fully built pumping system with stainless steel pumps and all internal pipe and fittings ready to connect to a 50mm rising main. Automatic pumps are supplied with Vertical Float Switches for flexible pump switching and adjustment of the ON and OFF positions. Does not include alarm or monitoring devices - please order your preferred device from the options on page 54.

Code	Pumps	Automatic or Manual Pumps	Number of Pumps
T2	TAS250	Automatic	One
T3	TAS250	Automatic	Two

Titan-Pro - Dimensions



Titan Compact - Dimensions



CONTROL PANELS, ALARMS & MONITORING



Pump Controller Twin Pump Panel

- » Use with matched manual pumps up to 250-750W
- » Sophisticated, simple-to-install twin pump control
- » Automatically tests pumps every 7 days

Code	Size	Power Supply
CP9	300 x 194 x 58mm	230V AC

High Water Alarm Detect High Water Levels in Sump Chambers

- » Recommended for ordering with the Titan-Pro system (p33) and Titan compact pump system (p81) except where the Pulse monitoring system (below) is used
- » For single or twin pumps with no control panel
- » Dual power options - either powered via a 12 VDC mains adapter (3-pin) or directly from the large DC battery when used in conjunction with the Victron Battery Backup System (p35)
- » Additionally, a 9 VDC battery ensures continued alarm operation during mains power failure in systems without a battery backup
- » Automatic or manual reset options following an alarm event



Codes	Dimensions	Dimensions (mounted in Back Box)	Weight	Power Source Options
PA50-12/M	152 x 92 x 37mm	152 x 92 x 8mm	700g	Supplied with a wall plug for 230V power
PA50-12/B				Supplied with lead for connecting to inverter

PULSE & BRIDGE CLOUD UNITS Cloud-Based Monitoring for Both New and Existing Basement Pump Systems

- » The Newton Pulse is an advanced unit for new pump systems. It enables remote monitoring of alarm events and pump operation with float switches installed in the sump chamber
- » The Newton Bridge is a retrofit unit for existing pump systems. It enables remote monitoring of alarm events and pump operation by interfacing with existing panels or alarms
- » The Pulse and Bridge equip pump systems with intelligent monitoring, instant notifications and future-proof performance
- » Both systems can also provide monitoring and notifications for Victron Battery Backup systems
- » With smart monitoring, you can prevent flooding, reduce maintenance costs, and safeguard valuable assets

Code	Suitable for	Relay Outputs	Digital Inputs	Dimensions	IP Rating
Pulse	New installs	2 NO/NC	4	154 x 78 x 48mm	IP20
Bridge	Existing	2 NO/NC	4	154 x 78 x 48mm	IP20

BATTERY BACKUP KITS



500VA Inverter Kit Victron 12/500/20

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 500VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB5K	Battery backup kit (no battery)	500 VA



800VA Inverter Kit Victron 12/800/35

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 800VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB1K	Battery backup kit (no battery)	800 VA



2000VA Inverter Kit Victron 12/2000/80

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 2000VA Inverter, switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB18K	Battery backup kit (no battery)	2000 VA



12V DC Batteries Victron 38, 60 & 115 Ah

- » Supply power to the Victron Inverter/Charger units that it converts into 230-volt AC
- » Can be single units or combined as battery banks

Code	Amp Hours	Type	Power
BB38	38 Ah	Super Cycle	12 V
BB60	60 Ah	Super Cycle	
BB115	115 Ah	Deep Cycle AGM	

COMPLETE BATTERY BACKUP SYSTEMS Including Correctly Sized Inverters and Batteries

- » The Victron MultiPlus inverter/chargers can also be purchased as a full system that includes the matched Victron battery
- » Get in touch with our Technical Team to discuss the recommended battery sizes for your pumping requirements
- » The full backup system includes the inverter, ancillaries, protections and matched batteries

Code	Inverter Included	Battery Included	Compatible Pump System/s
BB5K38	Victron 12/500/20	38 Ah battery	CDM1, T2, T3
BB5K60	Victron 12/500/20	60 Ah battery	CDM1, T2, T3
BB5K115	Victron 12/500/20	115 Ah battery	CDM1, T2, T3
BB1K38	Victron 12/800/35	38 Ah battery	CDM2
BB1K60	Victron 12/800/35	60 Ah battery	CDM2
BB1K115	Victron 12/800/35	115 Ah battery	CDM2
BB18K60	Victron 12/2000/80	60 Ah battery	CDM3
BB18K115	Victron 12/2000/80	115 Ah battery	CDM3

CEMENTITIOUS TANKING SLURRIES & RENDERS



Cementitious tanking slurries and renders form a bonded waterproof barrier to concrete, masonry, and blockwork substrates. When correctly specified, they resist hydrostatic pressure by relying on substrate integrity and detailing quality at joints, penetrations, and interfaces.

In BS 8102:2022, Type A waterproofing is a barrier system applied either internally or externally to resist water ingress. Our HydroCoat products bond to the internal side of the structure, resisting groundwater pressure.

The range features rigid, polymer-modified, and crystalline cementitious systems, allowing product selection to be aligned with substrate condition, exposure level, construction sequencing, and waterproofing risk.

When correctly specified, installed, and protected, cementitious tanking systems deliver durable, long-term performance consistent with design life expectations.

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CEMENTITIOUS COATINGS



HYDROCOAT 103 2K

Durable Cementitious Coating

- » For below-ground concrete structures, decks, balconies and car parks
- » Resists up to 10 bar positive and negative pressure
- » Quick application in one coat to horizontal surfaces
- » Fire resistant - certified to A2-s1,d0
- » Durable, UV-stable and trafficable

Code	Size	Colour	Application Rate
103-S	30kg	Grey	3.6kg/m ²



HYDROCOAT 104 SUPER

Penetrating Crystalline Waterproofing

- » Applied to the concrete surface to stop moisture movement through capillaries
- » Easy to apply - sprinkle on to new horizontal concrete or apply as a simple slurry to vertical and cured concrete
- » Permeates deep into the concrete
- » Cost-effective product

Code	Size	Colour	Application Rate
104	25kg	Grey	1kg/m ²



HYDROCOAT 105 1K

Cement-Based Waterproof Mortar

- » Multi-purpose waterproofing product - mortar, bag rubbing mix, surface repair, screed and render
- » Fully waterproof at 2 mm, resisting 10 bar positive and negative pressure
- » Single-component system requiring only clean water to mix
- » Quick drying - rain tight in 1 hour

Code	Size	Colour	Application Rate
105	25kg	Grey	3.7 to 11kg/m ²

CEMENTITIOUS COATINGS



HYDROCOAT 107 ELASTIC 2K

Flexible Cementitious Coating

- » For the waterproofing and protection of concrete and masonry structures
- » BDA Agrément certified for proven performance
- » Durable and flexible coating can be applied to damp substrates in temperatures down to 5°C
- » Quick application by airless spray



Code	Size	Colour	Application Rate
107-F	30kg	Grey	3.2kg/m ²



HYDROCOAT TANKING SLURRY

Single-Component Cementitious Coating

- » Internal or external waterproofing of basements and earth-retaining or water-retaining structures
- » Simple to mix and easy to apply
- » BBA certified and WRAS approved for use with potable water



Codes	Packaging	Application Rate
HSS-20	20kg bag	Up to 7kg/m ²
HSS-20B	20kg bag in a mixing bucket	

Spray Application

HydroCoat 107 Elastic 2K is a tough, flexible coating which maintains its flexible properties even under immersed conditions to accommodate movement in cracks. Its spray application makes it ideal for large-scale projects.

HYDROCOAT 1 SYSTEM



HYDROCOAT 1 RENDER

One Coat, Pre-Bagged Waterproof Render

- » Waterproof – 10mm thickness resists 7 bar positive or negative pressure
- » Pre-bagged and single-component waterproof render
- » Quick to apply as a one-coat render from 5mm to 50mm thickness in a single coat
- » Simply mix with clean water, no need for primers

Code	Size	Coverage
HC-R-25	25kg	1.45m ² at 10mm thickness



HYDROCOAT 1 SCREED 2K

Self-Levelling & Waterproof Cement Screed

- » Two-component screed for levelling and waterproofing concrete floors, in thicknesses from 3mm to 60mm
- » Rapid-setting, durable and resistant to abrasion
- » Rapidly applied by trowel or squeegee
- » Can be applied to damp or saturated substrates

Code	Size	Coverage
HC-S-30	30kg	1.5m ² at 10mm thickness

Waterproof Screed

HydroCoat 1 Screed 2K can be used for the levelling and waterproofing of tamped or uneven concrete floors, or floors with no waterproofing membrane below. Including basements, garages, car parks and warehouses.

DAMP PROOFING



Damp issues take many forms, from rising damp to penetrating and hygroscopic damp, all of which require correct identification and treatment. All forms of damp can cause problems to internal finishes and contribute to an unhealthy environment within your property. A permanent solution, which combines the correct damp proofing products is therefore essential to effectively combat the source of the problem.

Our Newtonite range includes a selection of damp proofing membranes for above ground applications. These membranes isolate new internal surfaces from dampness in the wall, ensuring that it will never be affected by moisture or salts.

We also stock a choice of both physical and liquid-applied DPCs for preventing rising damp within walls, and DPMs that can be applied either as moisture/vapour barriers, or as slip, screeding or curing membranes.

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DAMP PROOFING MEMBRANES



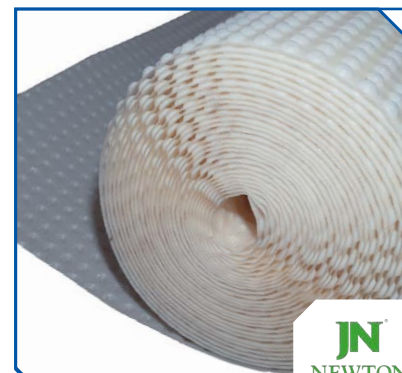
NEWTONITE

3mm Non-Meshed Damp Proof Membrane

- » For above ground damp proofing scenarios where a meshed surface for plaster/render is not required
- » Isolates new internal finishes from damp walls
- » 3mm deep to maximise internal space
- » Doesn't require extensive preparation



Code	Size	Colour	Area
M19	1m x 10m	White/Translucent	10m ²
M20	2m x 20m		40m ²

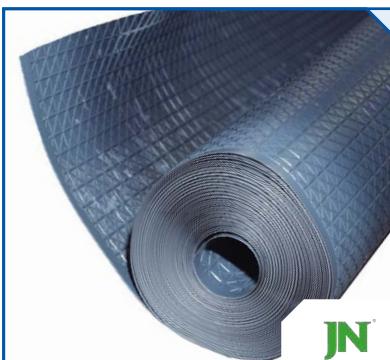


NEWTONITE LATH

3mm Meshed Damp Proof Membrane

- » Meshed surface is a superb key for plasters or renders
- » Isolates new internal finishes from damp walls
- » Quick and easy to install

Codes	Size	Colour	Area
M9	1.2m x 10m	White/Translucent	12m ²
M16	1m x 10m		10m ²
M21	1m x 20m		20m ²
M22	2m x 20m		40m ²



DAMPSAFE 601 SLIMLINE

1mm Loose-Laid Flooring Membrane

- » Isolates moisture sensitive flooring from dampness in concrete floor slabs
- » Damp flooring membrane used with Newtonite wall membranes
- » Applicable as a floor membrane in the CDM System
- » Also applicable as a high-grade DPM

Code	Size	Colour	Area
M6	2.06m x 20m	Grey	41.2m ²

TILING, DPCs & DPMs



DAMPSAFE 603 TILE D-MAT

3mm Decoupling Mat for Tiling Floors

- » Isolates tiled floors from cracking and/or movement in the substrate that may affect the tiled surface
- » The dimpled membrane ventilates the substrate and equalises any vapour pressure
- » Adds only 3mm to the floor finish
- » Effective air and vapour barrier if the joints are sealed

Code	Size	Colour	Area
M7	1m x 30m	White & Blue	30m ²



DAMPSAFE 802-DPM

1200 Gauge Damp Proof Membrane

- » Installed below new concrete floors/screeds where no ground water pressure is expected
- » Suitable as a DPM, vapour barrier, or a slip, screeding or curing membrane
- » Easy to install as loose-laid membrane
- » Highly resistant to water vapour

Code	Size	Thickness	Area
802-12	4m x 25m	300 microns	100m ²



DAMPSAFE 809-HP DPC

High Performance Damp Proof Course (DPC)

Code	Size	Colour	Area
809-100	100mm x 20m	Black	2m ²
809-150	150mm x 20m		3m ²
809-225	225mm x 20m		4.5m ²
809-300	300mm x 20m		6m ²
809-337.5	337.5mm x 20m		6.75m ²
809-450	450mm x 20m		9m ²
809-600	600mm x 20m		12m ²
809-900	900mm x 20m		18m ²

EPOXY MEMBRANES & ADHESIVES



EPOXY PRIMER

Damp-Tolerable Primer for Porous Surfaces

- » Pre-priming of damp or porous concrete and screed prior to the application of Epoxy DPM on car parks, warehousing and storage, garages and plant rooms
- » Applicable to damp concrete and screed after just 7 days
- » Excellent vapour barrier

Code	Size	Colour	Application Rate
901-P	5kg (two components)	Clear	0.25kg/m ² first coat 0.17kg/m ² second coat



EPOXY DPM

Damp-Tolerable Epoxy DPM

- » Priming of damp, non-porous concrete and screed as a DPM and vapour barrier, prior to the application of moisture-sensitive flooring, coatings, membranes, levelling compounds and screeds
- » High-bond DPM that provides a barrier to vapour

Code	Size	Colour	Application Rate
810-5	5kg (two components)	Black	0.35kg/m ² first coat 0.20kg/m ² second coat



NEWTONITE 801 MASTIC

Sealant for Damp Proofing Fixings

- » Seals fixing plugs to Damp Proofing Membranes, including Newtonite and Newtonite Lath
- » Seals around service penetrations and protrusions through the substrate/membrane
- » A general, high performance and multi-purpose sealant in the building industry

Code	Size	Colour	Units
A18	310ml cartridge	White	1

DECK WATERPROOFING



Newton PolyMaxx HA is a seamless, hand-applied, glass fibre-reinforced membrane system for use on decks, roofs and balconies. The system is supported by a 20-year warranty, is certified by the BBA, and achieves BROOF (t4) in accordance with BS EN 13501-5:2016.

Installed by certified contractors, PolyMaxx has a range of applications including covered/protected decks, buried decks, balconies and decks with foot traffic, warm roofs, zero fall blue roofs or inverted roofs, and green roofs.

Our deck and green roof drainage membranes can also be used in conjunction with the

PolyMaxx System, protecting the membrane as part of a designed waterproofing solution for decks, flat roofs, terraces and balconies.

When drainage membranes are used above the deck waterproofing, the PolyMaxx does not need to be protected or provide a non-slip finish.

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DECK WATERPROOFING



POLYMAXX HA

Deck Waterproofing System

- » Seamless, hand-applied, glass fibre-reinforced membrane system for use on decks, roofs and balconies
- » Refer to the full PolyMaxx System on pages 38-43
- » Achieves BROOF (t4) to BS EN 13501-5:2016
- » BBA certified



Code	Size	Colour	Area
PMHA-DG	14.2L	Dark Grey	1.35L/m ² in two coats

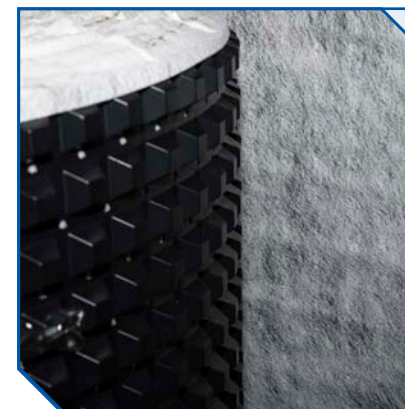


408 DECKDRAIN

Deck and Roof Drainage Membrane

- » Double-cusped drainage layer for use above a deck, balcony or flat roof waterproofing membrane
- » Provides a clear and clean drainage path for surface water to roof drainage outlets
- » Ensures water cannot be trapped above deck membranes
- » Soil particles (fines) are filtered out by the geotextile layer

Code	Size	Colour	Area
M33	2m x 20m	Black	40m ²



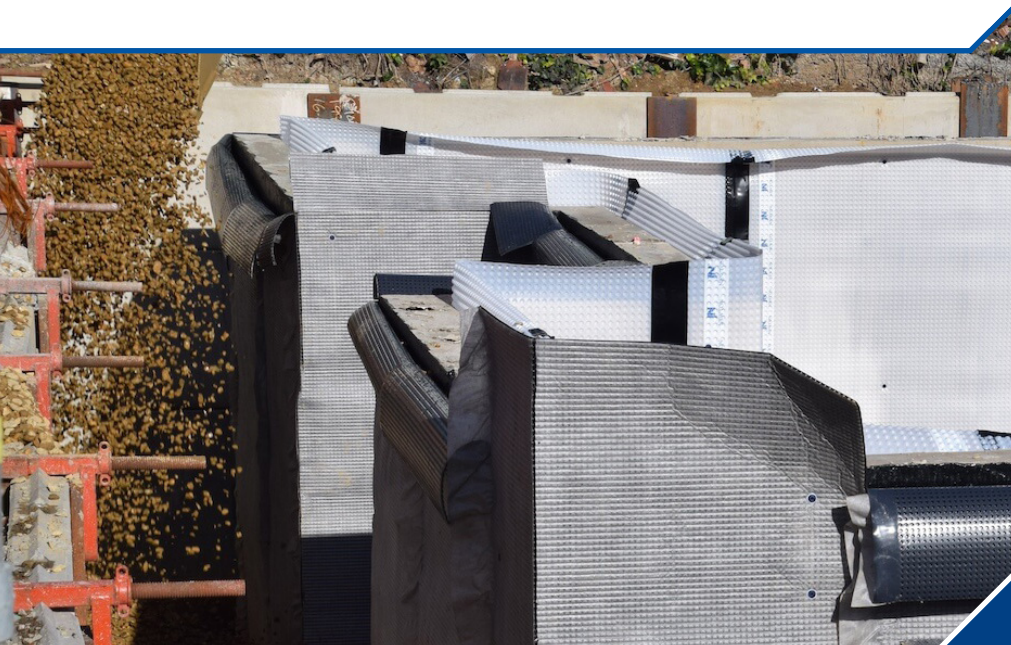
420 RESERVOIR

20mm Green Roof Drainage Membrane

- » Water holding and drainage layer above a deck, flat roof or pitched roof where shallow planting is used to create an extensive green roof
- » Large drainage layer created by the 20mm HDPE core
- » Suspended soil particles (fines) are filtered out by the geotextile layer

Code	Size	Area	Weight	Colour
M31	0.97m x 50m	48.5m ²	70kg	Black/Grey

DRAINAGE MEMBRANES



Our high-quality drainage membranes have two primary purposes:

1. Protecting external waterproofing membranes, such as our HydroBond System (pages 6-11), and the structure itself from water pressure, chemicals in the ground and from damage during backfilling
2. Acting as a drainage layer for use above the PolyMaxx HA System (pages 38-43) for deck, balcony or flat roof waterproofing

Drainage membranes such as HydroBond 410 GeoDrain prevent water pressure from coming to bear, providing protection and utilising a geotextile filter layer to prevent any suspended soil particles from blocking the membrane.

Similarly, when 408 DeckDrain or 420 Reservoir are used above the PolyMaxx System, it does not need to be protected or provide a non-slip finish.

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DRAINAGE MEMBRANES



408 DECKDRAIN

Deck and Roof Drainage Membrane

- » Double-cusped drainage layer for use above a deck, balcony or flat roof waterproofing membrane
- » Provides a clear and clean drainage path for surface water to roof drainage outlets
- » Ensures water cannot be trapped above deck membranes
- » Soil particles (fines) are filtered out by the geotextile layer

Code	Size	Colour	Area
M33	2m x 20m	Black	40m ²

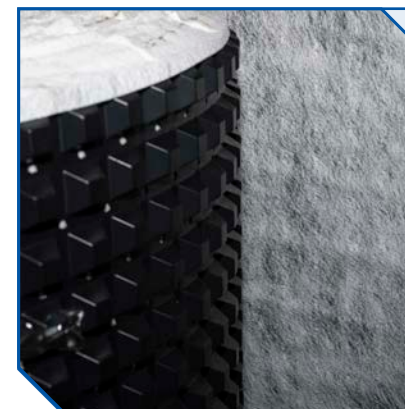


HYDROBOND 410 GEODRAIN

External Drainage Membrane

- » Drainage layer and protection for external waterproofing
- » Prevents water pressure from bearing against the structure
- » Protects against aggressive ground water chemicals
- » Allows for backfilling with excavated earth
- » Extremely strong and durable

Code	Size	Colour	Area
M18	2m x 12.5m	Black	25m ²



420 RESERVOIR

20mm Green Roof Drainage Membrane

- » Water holding and drainage layer above a deck, flat roof or pitched roof where shallow planting is used to create an extensive green roof
- » Large drainage layer created by the 20mm HDPE core
- » Suspended soil particles (fines) are filtered out by the geotextile layer

Code	Size	Area	Weight	Colour
M31	0.97m x 50m	48.5m ²	70kg	Black/Grey

GAS MEMBRANES



Protecting a building interior from ground gas is an essential part of health and safety regulations. Our gas membranes and gas barriers create an effective barrier against various natural ground gases such as Radon, Carbon Dioxide, Methane, and Volatile Organic Compounds (VOCs).

Compliance with regulations is essential, which is why our gas membrane products provide protection against radon gas to the requirements of BR211, and protection against other ground gases to the performance standards required in BS EN 8485.

Our products also allow for different application scenarios - from pre-applied and post-applied sheet membranes, to a liquid-applied gas membrane and DPM.

By combining our certified gas membranes with other forms of waterproofing protection, it is possible to create a joint system to combat both water and gas ingress.

STAY UP TO DATE

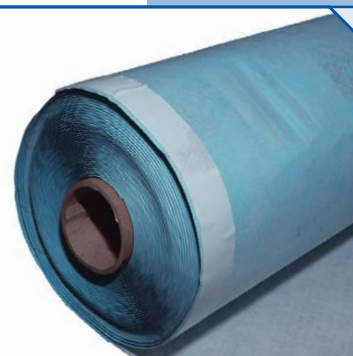
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GAS MEMBRANES



HYDROBOND 403 GB

Pre-Applied Water & Gas Membrane

- » Continuous external waterproofing and gas membrane to permanent raft and wall formwork
- » Third-party test certification for radon, carbon dioxide and hydrocarbon gases
- » Full mechanical bond to concrete prevents water migration behind the membrane

Code	Size	Colour	Area
HBGB	1.5m x 20m	White/Blue	30m ²



HYDROBOND SAGM

Self-Adhesive Gas & Waterproof Membrane

- » An effective barrier against all ground gases
- » Post-applied sheet waterproofing to retaining walls of below-ground structures
- » Used with HydroBond pre-applied membranes to provide continuous waterproofing around the whole structure
- » Resistant to impact and aggressive ground water chemicals

Code	Size	Colour	Area
401-GM	1m x 20m	Silver	20m ²



LIQUID GAS MEMBRANE

Ground Gas, Radon, Vapour and Damp Proof Membrane

- » Single-component, liquid-applied barrier for protection against ground gases and moisture
- » Resists the ingress of methane, radon, carbon dioxide, and hydrocarbon vapours
- » Also serves as an effective damp-proof membrane

Code	Size	Coverage	Yield
LGM-15	15kg tub	Two coats of 0.7kg/m ² each	10.5m ² per 15kg

MIXING & PREPARATION



When mixing any of our advanced liquid waterproofing membranes, high-build cement mortars or liquid-applied coatings, we recommend that Collomix mixing technology and equipment be used to maximise the efficiency and effectiveness of your mixing on-site.

The Collomix product range includes hand-held mixers, stirrers, mixing buckets, cleaning buckets, mixing stands, and transport carts. Each product is designed for efficiency, ensuring smooth and effective material preparation on project sites.

Our chosen Collomix mixers provide a higher standing position for safer, upright mixing, and ergonomically shaped handles. As a result, they conserve your strength for fatigue-free work. The long-lasting and reliable motor and transmission components also deliver optimal efficiency and long-lasting value for money.

STAY UP TO DATE

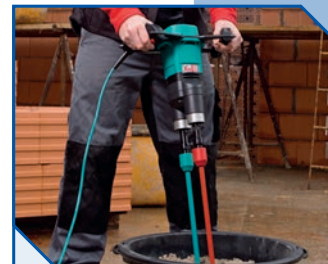
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MIXING & PREPARATION



Dual-Paddle Mixer Collomix Xo55 DUO

- » Dual forced action mixer for liquid waterproofing membranes (p17)
- » Intensive, fast and ergonomic mixing
- » Includes MKD Duo stirrers

Code	Power	Output	Mix Quantity
Xo55	110V	1450W	Up to 90L



Single-Paddle Mixer Collomix Xo1

- » High performance, hand-held mixer
- » Compact and lightweight 1-gear mixer
- » Suitable for a variety of mixing tasks and products

Code	Power	Output	Mix Quantity
Xo1	110V	1010W	Up to 40L



Single-Paddle Mixer Collomix Xo4

- » High performance, hand-held mixer
- » Compact and lightweight 2-gear mixer
- » Suitable for a variety of mixing tasks and products

Code	Power	Output	Mix Quantity
Xo4	110V	1300W	Up to 60L



Mixing Paddles Mixing Liquids & Powder

- » DLX paddle for mixing thin, self-levelling floor materials, and soft, viscous grouts
- » WK paddle for mixing a variety of compact and viscous materials

Codes	Mix Volume	Chuck Size	Ø mm
DLX120HF	15-30kg		120mm
WK120HF	15-25kg	16mm	120mm



RMX Mixing Stand Heavy Duty Mixing Aid

- » Holds the Collomix hand mixers for easy, safe and fatigue-free mixing
- » Robust, stable stand is foldable to allow easy transport and storage

Code	Max. Size	Weight	Max. Pail Height
RMX	455 x 455 x 1180mm	17kg	450mm

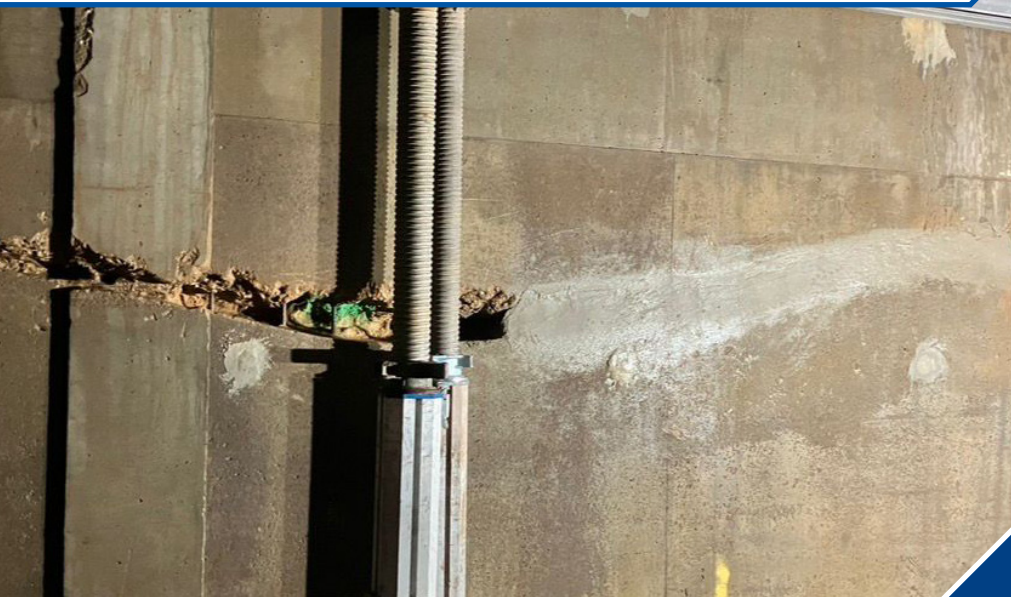


Mixing Buckets Polyethylene Buckets

- » Mortar/mixing buckets with high stability and carrying capacity
- » Ideal for use with Collomix mixers and mixing stand

Codes	Capacity	Colour
MB30	30 Litre	
MB65	65 Litre	Black
MB90	90 Litre	

MORTARS & PLASTERS



Our range of cement-based mortars, suitable for where a high depth of repair or levelling to concrete is required, as well as compatible plaster for use with our range of meshed waterproofing and damp proofing membranes.

Mortars and plasters are essential ancillaries in waterproofing installations. Our cement-based structural mortar, HydroCoat 203-RM, has been instrumental in a wide range of projects, from durable repairs to concrete structures, to repairing bridges, floors, footpaths, roads, runways and decks.

We also recommend Tarmac Limelite Whitewall Plaster in conjunction with our meshed damp and waterproofing membranes, providing a smooth and durable finish.

A two-coat application is required with the meshed membranes, but a single coat is sufficient when applied to most other substrates.

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MORTARS & PLASTERS



HYDROCOAT 203-RM

Rapid Set & High Strength Repair Mortar

- » Single-component, fast-setting structural mortar for the durable repair of concrete
- » Ideal for roads, bridges, decks, floors and footpaths
- » Dense matrix resists 10 bar water pressure
- » Sets in just 10 minutes at 20°C
- » Bulk out to make repairs up to 300mm deep

Code	Size	Colour	Yield
203-RM	25kg Bag	Grey	13.3 - 23L



LIMELITE WHITEWALL PLASTER

20mm Green Roof Drainage Membrane

- » The recommended finish for meshed membranes CDM 503 Mesh, CDM 508 Mesh and Newtonite Lath
- » Delivers a smooth, hard, and durable white finish
- » Ideal for both underground and/or humid environments
- » Non-combustible - tested to BS 476 Part 4: 1970
- » Applied over membrane in two coats of 6mm each

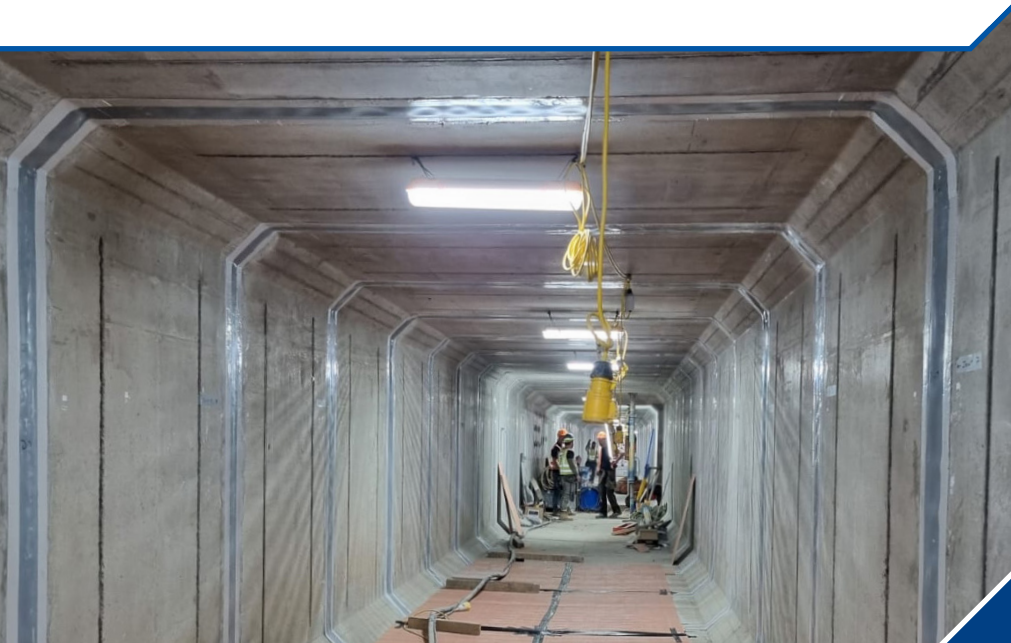
Code	Size	Colour	Application Rate
A11	25kg Bag	White	13-15kg/m²

Proven Performance

Since the 1980's, Tarmac Limelite Whitewall Plaster has consistently proven itself to be the best performing finishing plaster when applied over our range of meshed membranes, CDM 503 Mesh, CDM 508 Mesh and Newtonite Lath.



MOVEMENT JOINTS



Movement joints (also called expansion, contraction, or control joints, depending on function) are intentional separations built into structures to allow controlled movement without causing damage.

Concrete, masonry, screeds, and render naturally shrink as they cure and dry. Without these joints, this shrinkage would cause random cracking.

However such gaps in the structure present an easy route for water to enter and cause damage to internal finishes and contents. Joints must therefore be sealed with products that are specifically designed to accommodate movement.

Our range of products for sealing movement joints include solutions for:

- Static and non-static construction joints
- Extreme movement
- Damp substrates
- Exposure to UV, chemical and mechanical wear

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MOVEMENT JOINTS



FlexJoint & FlexJoint HD - Joint Fillers

- » Closed-cell polyethylene joint fillers
- » Easy-to-use, economical and safe

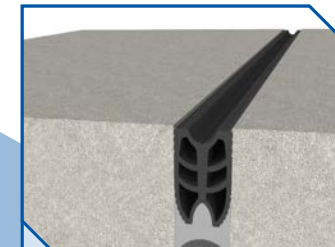
Products	Thickness	Width	Length
HD Sheet	10-25mm	1m	2m
Sheet	10-25mm	1m	2m
Roll	10/12mm	100-200mm	10m
Length	20/25mm	100-200mm	2m



FlexProof 106 Construction Joint Sealing

- » Seals both static and non-static construction joints in earth-retained structures
- » Applicable to damp substrates

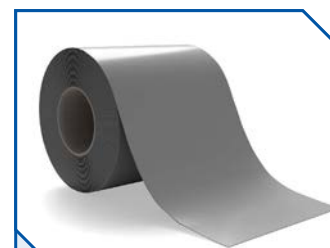
Codes	Sizes	Colour	Application Rate
106B	15kg	Grey	Dependent on use
106C	290ml		
106NV	7.5kg		



FlexProof 305 ActiveJoint

- » Movement joint profile protects against mechanical and chemical damage
- » Used with FlexProof 106 NV

Codes	Description	Colour
305-1	ActiveJoint - 36 x 35mm x 10m	Black
305-2	ActiveJoint - 46 x 45mm x 5.8m	Black
305-3	ActiveJoint - 56 x 55mm x 5.8m	Black
305-G	ActiveJoint Glue 30g tube	



HydroCoat Monoflex Joint Sealing Tape

- » Waterproofs construction joints that are subject to extreme movement
- » Easy and quick to install and repair
- » Resists 4 bar water pressure

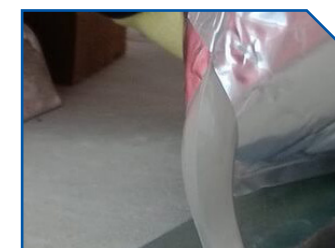
Codes	Sizes	Colour
HS-MF-100	100mm x 20m	Grey
HS-MF-200	200mm x 20m	



HydroCoat Monoflex Epoxy Adhesive

- » No primer required
- » Excellent adhesion to most building materials
- » Bonds to damp substrates
- » Resistant to water, weather and a range of chemicals

Code	Size	Curing Time at 20°C
HS-MFA	5kg (2 containers)	10 to 12 hours



Flexible Products

Joint sealing products possess high-levels of flexibility to deal with structural movement.

PRIMERS, PREPARATION & REINFORCEMENT



When waterproofing a below-ground structure, it is essential to properly prepare any substrates and joints before applying a waterproofing product. This includes primers, reinforcement tapes and preparation for substrates and construction joints to ready them for the waterproofing installation.

We supply a selection of products to ensure that all waterproofing systems will adhere correctly and provide the desired level of waterproofing.

Amongst other products, our primers are versatile and effective at preparing concrete surfaces prior to our liquid waterproofing membranes, coatings, and any concrete repair work.

Lime Inhibitors prevent the leaching of free lime from concrete as part of a holistic approach to designing cavity drain waterproofing that considers all potential risks.

We also supply bonding agents, curing membranes and reinforcement tapes for our waterproofing systems.

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PRIMERS, PREPARATION & REINFORCEMENT



Epoxy Primer Damp-Tolerable Primer

- » Pre-priming damp/porous concrete/screed prior to application of Epoxy DPM
- » Applicable to damp concrete and screed after just 7 days

Code	Size	Colour	Application Rate
901-P	5kg	Clear	0.25kg/m ² - 1st coat 0.17kg/m ² - 2nd coat



HydroCoat 903 Primer for Concrete

- » Concrete primer for our cementitious membranes, concrete repair & coatings
- » Extremely quick to apply
- » Can be applied to damp/wet concrete

Code	Size	Colour	Application Rate
903-P	5L	Green	0.1 - 0.2L/m ²



HydroCoat 905-CM Curing Membrane

- » Inhibits the effect of sun/wind on liquid membranes
- » Extends curing time
- » Ready to apply
- » Alternative to traditional sheets

Code	Size	Colour	Application Rate
905-CM	5L	White	5 - 7m ² /litre/coat



CDM 906 Lime Inhibitor for Concrete

- » Applied to concrete prior to installing the CDM System
- » Prevents free lime leaching from concrete into the drainage system
- » Dilute with 9 parts water and easily spray-apply

Code	Size	Colour	Application Rate
906	1L	White	100m ² per litre



HydroCoat LiquaBond Bonding Agent & Admix

- » High performance admixture and primer for cementitious systems
- » Versatile, resilient, and provides excellent adhesion as an admix

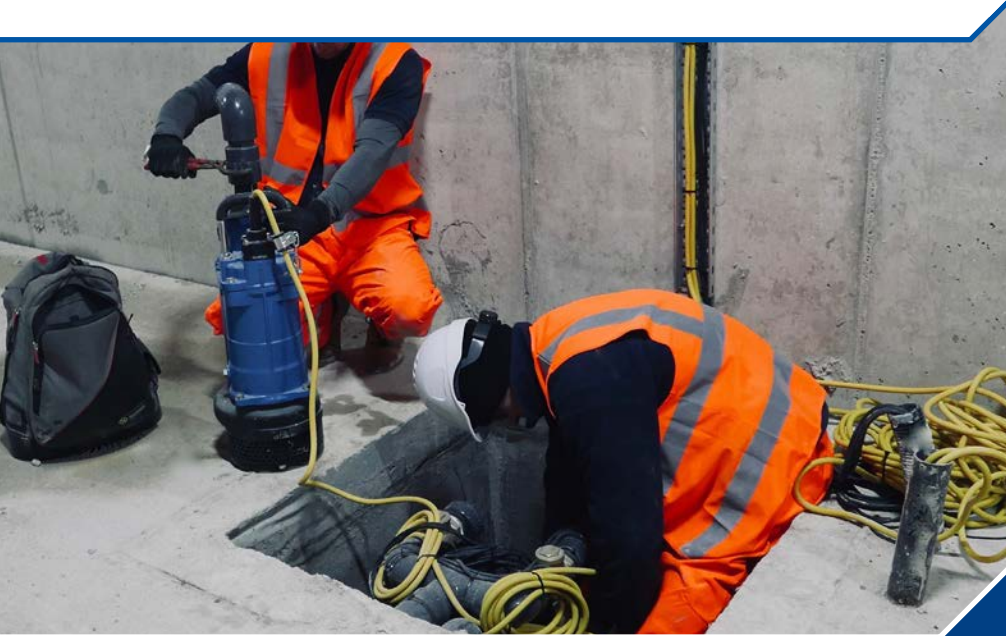
Code	Size	Colour	Application
908-5	5L	Clear	Dependent on intended use



Reinforcement Tapes for Liquid Membranes

- » Compatible with our liquid waterproofing membranes and cementitious coatings
- » Reinforce direction changes, cracks, protrusions, static joints and movement joints

Codes	Sizes	Colour
912-RT	150mm x 50m	White



An extensive range of submersible pumps and pumping ancillaries for the control of clean ground water, grey water, effluent or sewage in basements. Our advanced basement pumping systems ensure efficiency and reliability.

Ground Water Pumping

Available in manual and automatic versions, these reliable and efficient pumps are perfect for removing water from cavity drain systems, and can also be deployed in light wells, surface drainage collection vessels, reservoirs, and water holding tanks.

Foul & Waste Pumping

Our foul and waste water pump systems are designed to provide reliability in challenging environments.

This includes high quality and highly durable stainless steel pumps, and sewage pumps with a cutting impeller to reduce the risk of blockage.

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tech@newtonwaterproofing.co.uk

PUMP UNITS



TAS250 Ground & Surface Water Pump

- » Removes ground water from basements, light wells, patios & terraces
- » Ideal for use in smaller sumps, such as the Titan chamber (p81)

Codes	Description	Discharge Size
TAS250A	250W - Automatic	1.5" BSP
TAS250M	250W - Manual	



NP eco 400W Efficient Ground Water Pump

- » Max. flow rate 280 L/min
- » Maximum pumping head of 12 metres
- » Automatic version has a vertical float switch to control pump operation

Codes	Description	Discharge Size
NP4A	400W - Automatic	2" Female BSP
NP4M	400W - Manual	



NP eco 750W Efficient Ground Water Pump

- » Max. flow rate 333 L/min
- » Maximum pumping head of 15.7 metres
- » Automatic version has adjustable vertical float switch to control pump

Codes	Description	Discharge Size
NP7A	750W - Automatic	2" Female BSP
NP7M	750W - Manual	



FEKA VS 750 Waste Water Pump

- » Quality stainless steel pump
- » Pumps waste water including solid matter up to 50mm in size
- » Pumps volumes from 0 to 32 m³/hour up to a 14-metre head height

Code	Description	Discharge Size
P63	750W - Manual	2"



FEKA VS 1000 Waste Water Pump

- » Quality stainless steel pump
- » Pumps waste water including solid matter up to 50mm in size
- » Pumps volumes from 0 to 32 m³/hour up to a 14-metre head height

Code	Description	Discharge Size
P64	1000W - Manual	2"



DAB Genix Macerator Lifting Station

- » For bathrooms requiring removal of waste water, including from toilets, sinks, baths and showers
- » 'Comfort' version reduces noise emissions by 5 dB

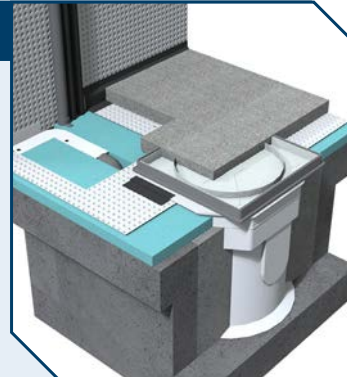
Codes	Sizes	Weight
P67 - Comfort 130	351 x 629 x 178mm	12kg
P68 - 130	351 x 629 x 178mm	12kg

TITAN-PRO - CDM PUMPING SYSTEM

The Titan-Pro sump system is specifically designed for use with the CDM System, providing long-term durability and performance for the life of the building when paired with our class-leading pumps.

SIZING YOUR TITAN-PRO SYSTEM

- » The Titan-Pro packaged pump system is offered with automatic pumps and single discharge lines
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 84)
- » Paired battery backup options also available (page 85)
- » 150mm neck is cut-to-height depending on floor depth



Use the table below to plot your discharge length and head height to find the pumps best suited to your project.

		Horizontal Discharge Length (Metres)					
		5	10	15	20	25	30
Hydrostatic Head (Metres)	10						
	9						
	8						
	7						
	6						
	5						
	4						
	3						
	2						
		TAS250 Pumps		NP400 eco Pumps		NP750 eco Pumps	Details Below

PRE-BUILT TITAN-PRO SYSTEMS

Fully built pump system featuring high quality pumps, including all internal pipe and pipe fittings ready for connection to a 63mm or 50 mm rising main. Does not include alarm or monitoring devices - please order your preferred device from the options on page 84.

Code	Pumps	Automatic or Manual Pumps	Number of Pumps	Number of Rising Mains
CDM1	TAS250	Automatic	Two	One
CDM2	NP400 eco	Automatic	Two	One
CDM3	NP750 eco	Automatic	Two	One

TITAN - COMPACT SUMP & PUMP SYSTEMS

The Titan is a compact sump for collecting surface and ground water. The compact size makes it ideal for confined spaces, and can be used with single or twin pumps via a single discharge line.

SELECTING YOUR TITAN COMPACT SYSTEM

- » The Titan compact pump systems are built with automatic pumps and single discharge lines
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 84)
- » Paired battery backup options also available (page 85) depending on pumping volume requirements

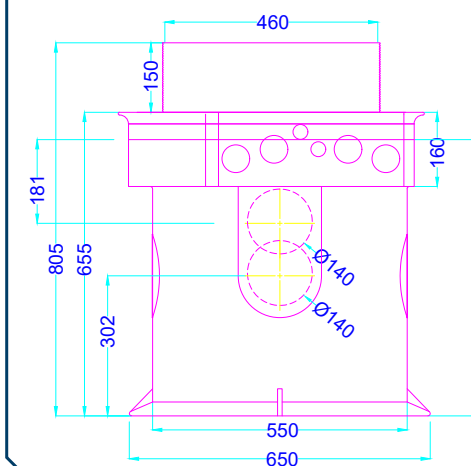


PRE-BUILT TITAN SYSTEMS

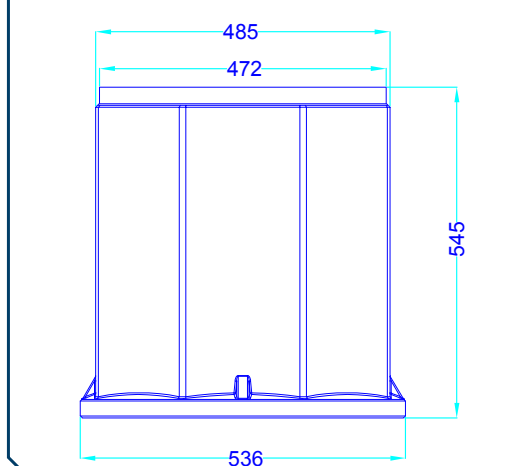
Fully built pumping system with stainless steel pumps and all internal pipe and fittings ready to connect to a 50mm rising main. Automatic pumps are supplied with Vertical Float Switches for flexible pump switching and adjustment of the ON and OFF positions. Does not include alarm or monitoring devices - please order your preferred device from the options on page 84.

Code	Pumps	Automatic or Manual Pumps	Number of Pumps
T2	TAS250	Automatic	One
T3	TAS250	Automatic	Two

Titan-Pro - Dimensions



Titan Compact - Dimensions



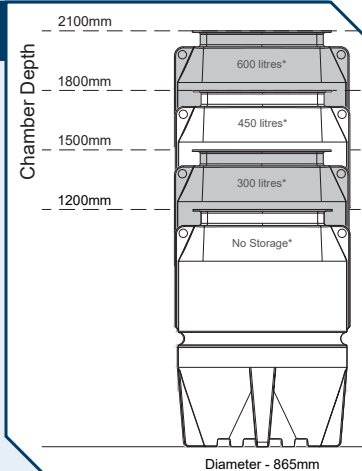
TROJAN-PRO FOUL WATER PUMPING

The Trojan-Pro is available in four sizes ranging from 1.2 to 2.1m. Depending on pumps it is suitable for a variety of tasks, from lifting sewage to the removal of ground water and surface drainage.

SIZING YOUR TROJAN-PRO FOUL SYSTEM

- » The Trojan-Pro foul water systems are sized by the number of people served, in line with Building Regulations requirements for storage volume
- » Pumps can be either manual or automatic versions
- » High Water Alarms and Newton Cloud monitoring devices are available as additional options (page 84)
- » No need for backup power due to storage capacity
- » If your requirements are outside of standard storage figures, please get in touch for a bespoke specification

Use the table below to plot your discharge length and head height to find the pumps best suited to your project.



Hydrostatic Head (Metres)		Horizontal Discharge Length (Metres)					
		5	10	15	20	25	30
10							
9							
8							
7							
6							
5							
4							
3							
2							
		FEKA 550 Pumps	FEKA 750 Pumps	FEKA 1000 Pumps	FEKA 1200 Pumps	System Details Below	

PRE-BUILT TROJAN-PRO FOUL WATER SYSTEMS

System Size	Pump Option	Number of Pumps	Rails or Standing	Chamber Height
Foul - Utility	FEKA 550	Two	Free Standing	1.2m
Foul - 1 Person	FEKA 750	Two	Rails	1.5m
Foul - 2 Person	FEKA 1000	Two	Rails	1.8m
Foul - 3 Person	FEKA 1200	Two	Rails	2.1m

TROJAN-PRO SURFACE WATER PUMPING

SIZING YOUR TROJAN-PRO SURFACE SYSTEM

Hydrostatic Head (Metres)		Horizontal Discharge Length (Metres)					
		5	10	15	20	25	30
10							
9							
8							
7							
6							
5							
4							
3							
2							
		FEKA 550 Pumps		FEKA 1000 Pumps		System Details Below	

PRE-BUILT TROJAN-PRO SURFACE WATER SYSTEMS

System Size	Catchment	Pump Option	No. of Pumps	Pump Type	Control Panel	Chamber Height
Surface 100	100m²	NP400 eco / NP750 eco	Two	Manual	Included	1.2m
Surface 150	150m²	NP400 eco / NP750 eco	Two	Manual	Included	1.5m
Surface 200	200m²	NP400 eco / NP750 eco	Two	Manual	Included	1.8m
Surface 250	250m²	NP400 eco / NP750 eco	Two	Manual	Included	2.1m

CUSTOM-BUILT GRP CHAMBERS

Large-scale bespoke GRP chambers for foul and surface water.

Either vertical or horizontal chambers with six diameter options - 1m, 1.25m, 1.5m, 1.8m, 2.1m or 2.5m. Maximum depth/length is 16 metres.

We can specify these systems for both single and three-phase pumping applications, with a full range of control panels and telemetry systems.

Tonbridge: 01732 360095

Leeds: 0113 521 6777



CONTROL PANELS, ALARMS & MONITORING



Pump Controller Twin Pump Panel

- » Use with matched manual pumps up to 250-750W
- » Sophisticated, simple-to-install twin pump control
- » Automatically tests pumps every 7 days

Code	Size	Power Supply
CP9	300 x 194 x 58mm	230V AC

High Water Alarm Detect High Water Levels in Sump Chambers

- » Recommended for ordering with the Titan-Pro system (p33) and Titan compact pump system (p81) except where the Pulse monitoring system (below) is used
- » For single or twin pumps with no control panel
- » Dual power options - either powered via a 12 VDC mains adapter (3-pin) or directly from the large DC battery when used in conjunction with the Victron Battery Backup System (p35)
- » Additionally, a 9 VDC battery ensures continued alarm operation during mains power failure in systems without a battery backup
- » Automatic or manual reset options following an alarm event



Codes	Dimensions	Dimensions (mounted in Back Box)	Weight	Power Source Options
PA50-12/M	152 x 92 x 37mm	152 x 92 x 8mm	700g	Supplied with a wall plug for 230V power
PA50-12/B				Supplied with lead for connecting to inverter

PULSE & BRIDGE CLOUD UNITS Cloud-Based Monitoring for Both New and Existing Basement Pump Systems

- » The Newton Pulse is an advanced unit for new pump systems. It enables remote monitoring of alarm events and pump operation with float switches installed in the sump chamber
- » The Newton Bridge is a retrofit unit for existing pump systems. It enables remote monitoring of alarm events and pump operation by interfacing with existing panels or alarms
- » The Pulse and Bridge equip pump systems with intelligent monitoring, instant notifications and future-proof performance
- » Both systems can also provide monitoring and notifications for Victron Battery Backup systems
- » With smart monitoring, you can prevent flooding, reduce maintenance costs, and safeguard valuable assets

Code	Suitable for	Relay Outputs	Digital Inputs	Dimensions	IP Rating
Pulse	New installs	2 NO/NC	4	154 x 78 x 48mm	IP20
Bridge	Existing	2 NO/NC	4	154 x 78 x 48mm	IP20

BATTERY BACKUP KITS



500VA Inverter Kit Victron 12/500/20

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 500VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB5K	Battery backup kit (no battery)	500 VA



800VA Inverter Kit Victron 12/800/35

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 800VA Inverter plus all required switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB1K	Battery backup kit (no battery)	800 VA



2000VA Inverter Kit Victron 12/2000/80

- » Ensure continued operation of pump systems during power disruptions
- » Kit code includes 2000VA Inverter, switches, RCD, cables, battery caps & bolts

Code	Description	Size
BB18K	Battery backup kit (no battery)	2000 VA



12V DC Batteries Victron 38, 60 & 115 Ah

- » Supply power to the Victron Inverter/Charger units that it converts into 230-volt AC
- » Can be single units or combined as battery banks

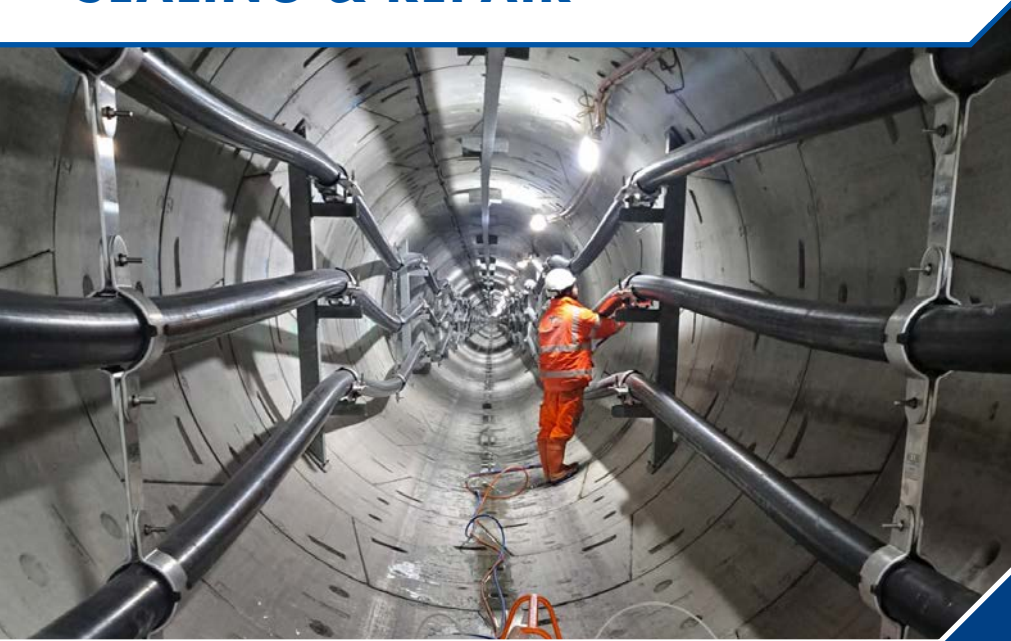
Code	Amp Hours	Type	Power
BB38	38 Ah	Super Cycle	12 V
BB60	60 Ah	Super Cycle	
BB115	115 Ah	Deep Cycle AGM	

COMPLETE BATTERY BACKUP SYSTEMS Including Correctly Sized Inverters and Batteries

- » The Victron MultiPlus inverter/chargers can also be purchased as a full system that includes the matched Victron battery
- » Get in touch with our Technical Team to discuss the recommended battery sizes for your pumping requirements
- » The full backup system includes the inverter, ancillaries, protections and matched batteries

Code	Inverter Included	Battery Included	Compatible Pump System/s
BB5K38	Victron 12/500/20	38 Ah battery	CDM1, T2, T3
BB5K60	Victron 12/500/20	60 Ah battery	CDM1, T2, T3
BB5K115	Victron 12/500/20	115 Ah battery	CDM1, T2, T3
BB1K38	Victron 12/800/35	38 Ah battery	CDM2
BB1K60	Victron 12/800/35	60 Ah battery	CDM2
BB1K115	Victron 12/800/35	115 Ah battery	CDM2
BB18K60	Victron 12/2000/80	60 Ah battery	CDM3
BB18K115	Victron 12/2000/80	115 Ah battery	CDM3

RESIN INJECTION, LEAK SEALING & REPAIR



Whether it is the waterproofing of movement joints, using injection hoses to provide a maintainable form of Type B waterproofing, or the remedial repair of leaking cracks and joints, the range of injection resins from our specialist resin supplier TRADECC will provide the means to resolve the issue.

Leak sealing is the process of repairing, filling and/or sealing gaps or cracks in concrete structures to prevent water, gases and unwanted elements from entering. These gaps or cracks can occur for a variety of reasons, such as structural movement, settlement of the foundations and poorly performed construction techniques.

Our innovative range of products can be used to waterproof all types of below-ground, earth-retaining and water-retaining structures.

This includes both new-build tunnels and basements, as well as the repairing of leaks and cracks in existing concrete structures.

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POLYURETHANE RESINS & PUMPS



PC LEAKINJECT 2K FLEX 6811 LV

Two-Component Elastic PU Resin

- » Very low viscosity resin for sealing both wet and dry cracks in walls, floors, concrete & underground structures
- » Can be used in HydroTank 302 Injection Hose (p19) as part of a Type B strategy to seal construction joints
- » Does not need water to react and create a seal

Code	Components	Weights
322	Two	Part A - 12kg Part B - 13.2kg



PC LEAKINJECT UNI 6816 E

Single-Component PU Resin & Catalyst

- » One component, low viscosity resin for sealing cracks, large gaps, or water leaks with high flow or pressure
- » Free expansion of minimum 1700% to 2200%
- » Reaction speed can be adjusted by varying the amount of catalyst used
- » In contact with water, forms a semi-rigid foam



Code	Components	Weight
320	Two (Resin and Catalyst)	25kg Resin



PC LEAKINJECT HYDROGEL 6880

Single-Component Low-Viscosity PU Resin

- » Ready-to-use, single-component PU resin with low viscosity
- » Reacts in contact with water to form a flexible, closed cell foam that stops leaks and water penetrations
- » Suitable for pressurised and non-pressurised leaks in floors, walls, masonry, underground structures and concrete

Code	Components	Weight
321	One	25kg

POLYURETHANE RESINS & PUMPS



PC TUNNELINJECT 2K 6822 LV

Two-Component, Fast-Reacting PU Resin

- » Low-viscosity, fast-reacting, two-component injection resin
- » For consolidating and sealing structures with high water flow or pressure in shafts, tunnels, dams, canals and mines
- » Useful for stabilising and sealing drill holes, porous rocks, sand, ground, brick and concrete
- » Completely watertight after curing

EPD

Code	Components	Weight
327	Two	46kg Total



STEEL INJECTION PACKERS

Two-Part Steel Injection Packers

- » Suitable for both acrylic and polyurethane injection resins
- » Specialist sizes can also be provided on request

Codes	Size	Pack Size	Type
P-NH-10-110	10mm x 100mm	Box of 100	Nipple head
P-NH-13-110	13mm x 110mm	Box of 100	Nipple head
P-NH-10-110/PH	10mm x 110mm	Single unit	Pan head
P-NH-13-110/PH	13mm x 110mm	Single unit	Pan head
OPK10-110-M-6	10mm x 110mm	Single unit	Day Packers



MP455 ELECTRIC PISTON PUMP

For Injecting 1 or 2 Component PU Resins

- » For injecting either single-component or two-component polyurethane injection resins
- » Also used to inject two-component epoxy resins
- » Adjustable pressure
- » Operates without a compressor

Code	Weight	Maximum Pressure	Maximum Flow Rate
MP455	17kg	227 Bar	1.8 Litres

ACRYLIC RESINS & LEAK SEALING



PC 509 Rubber Acryl Five-Component Acrylic

- » Highly elastic, low viscosity acrylic injection resin
- » For sealing underground structures and curtain injections around tunnel segments, drainpipes and porous concrete structures

Code	Components	Weight
324	Five	50.93kg Total



PC 509 Z Acryl Four-Component Acrylic

- » Elastic, acrylic injection resin with low viscosity
- » For sealing cracks and voids in walls, floors concrete constructions and underground structures

Code	Components	Weight
323	Four	28.75kg Total



HydroTank 302 Injection Hose

- » Inject with PC Leakinject 2K Flex 6811 LV resin to seal joints in retaining structures
- » No kicker/rebate required

Codes	Sizes	Kit includes
302K120	120m injection kit	Injection ports, nipples, clamps, hoses & connectors
302K90	90m injection kit	
302K60	60m injection kit	
302K30	30m injection kit	



HydroCoat 203-RM Strong Repair Mortar

- » Durable repair of concrete, ideal for bridges, decks, floors and roads
- » Resists 10 bar pressure
- » Rapid curing, even in cold weather

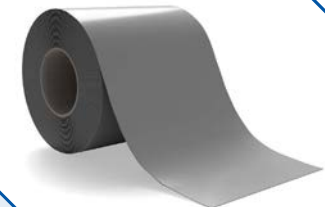
Code	Size	Colour	Yield
203-RM	25kg	Grey	13.3 - 23L



HydroCoat 313-WP Fast-Setting Leak Seal

- » Instantly stops running water/seepage through masonry or concrete
- » Becomes harder under water pressure
- » Non-shrink and sets in just 2 minutes to seal leaks

Code	Size	Colour	Yield per kg
313-WP	25kg	Grey-Brown	0.46L



HydroCoat Monoflex Joint Sealing Tape

- » Waterproofs construction joints that are subject to extreme movement
- » Easy and quick to install
- » Resists 4 bar water pressure

Codes	Sizes	Colour
HS-MF-100	100mm x 20m Tape	Grey
HS-MF-200	200mm x 20m Tape	Grey
HS-MFA	5kg Adhesive	Clear

SERVICE ENTRY SEALING



A critical aspect of the integrity of below-ground structures is the effective sealing of service penetrations – openings created through the structure itself for utilities such as pipes, ducts, and cables.

If not properly sealed, these penetrations can become pathways for water, compromising the internal environment and posing risks to occupants.

Our range of specialised products are designed to address the complexities of sealing service entries, depending on whether they are pre-planned, unplanned, or failed penetrations.

The best method for sealing service penetrations depends on factors such as the type of service, the site conditions, and the materials used.

Our range of solutions – including specialist sealants, precision-engineered service duct seals, and repair kits – ensures there is a suitable product for every scenario.

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SERVICE ENTRY SEALING



18-65mm Pipe Seal Fits 100mm Opening

- » Fits 100mm sleeve/hole, seals 18-65mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300060	100mm	18-65mm O/D



12-75mm Pipe Seal Fits 150mm Opening

- » Fits 150mm sleeve/hole, seals 12-75mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
2700103996	150mm	12-75mm O/D



70-112mm Pipe Seal Fits 150mm Opening

- » Fits 150mm sleeve/hole, seals 70-112mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300064	150mm	70-112mm O/D



110-160mm Pipe Seal Fits 200mm Opening

- » Fits 200mm sleeve/hole, seals 110-160mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300068	200mm	110-160mm O/D



159-211mm Pipe Seal Fits 250mm Opening

- » Fits 250mm sleeve/hole, seals 159-211mm Ø pipes
- » Gas-tight and watertight
- » Waterproof concrete stress classes 1 and 2
- » Suitable for retrofit installs

Code	Hole Size I/D	Seals Pipes of
3030300072	250mm	159-211mm O/D



Mechanical Press Seal Multiple Cable Entries

- » Gas-tight, watertight and radon-proof
- » Water exposure class DIN 18533: W1-E, W2.1-E and W2.2-E
- » Waterproof concrete stress classes 1 and 2

Sleeve/Hole Diameters	Number of Openings
From 80 - 200mm	From 1 to 15

SERVICE ENTRY SEALING

SERVICE ENTRY SEALING



HSI Cable Systems Pressure Tight Wall Insert

- » Watertight and gas-tight seal up to 2.5 bar
- » Pressure-tight closing covers both sides
- » Seal using the HSI Cable Entry System Covers for maximum flexibility

Sizes	Used to Seal
100mm to 500mm wall	Cables & ducts



HSI Cable Entry Cover Connects Ducts to Seals

- » Connects various duct types to the HSI Cable Inserts
- » Bayonet system to mechanically seal smooth, corrugated & spiral ducting
- » Options for sealing multiple cables

Sizes	Used to Seal
110mm to 168mm diameter	Cables & ducts



KG-FIX Wall Collar 110/160mm Pipe Flange

- » Watertight barrier flange for waste pipes through floor slabs
- » Resists 2.5 bar pressure
- » Radon tight

Codes	Used to Seal	Location
3030537182	110mm Ø pipes	External seal
3030300098	160mm Ø pipes	



307 PipeSeal - 110 or 160mm Puddle Flange

- » EPDM pipe collar provides a physical waterbar to waterproof pipe entries
- » Resists 1.0 bar pressure
- » Flexibility assists installation

Codes	Used to Seal	Location
307-110	110mm Ø pipes	External seal
307-160	160mm Ø pipes	



Waste Pipe Entry Floor Seal to Sewer Pipe

- » Seals through concrete floor slabs to the sewer pipe
- » Three-ribbed seal is gas, radon and water tight
- » Integrated level for easier alignment

Size	Used to Seal
385mm O/D	110mm Waste Pipes



Cement Wall Sleeves Seamless Concrete Seal

- » Seamless concrete seals that merge with concrete walls
- » Split sleeve option for retrofitting
- » Easily cut to correct length
- » Watertight and gas-tight

Sizes	Used to Seal
From 80mm to 800mm	Service Entries

SERVICE ENTRY SEALING



STOPAQ 2100 AQUASTOP

Flexible Pipe & Service Duct Sealant

- » Single-component, highly flexible compound used for sealing conduits and pipes through service duct sleeves
- » Never cures, remaining flexible to allow new services to be simply pushed through the existing repair and resealed
- » Swells by up to 10% in contact with water to seal the duct

Code	Size	Colour	Application Temperature
308-S	480ml cartridge	Green	-20 to +35°C
308-S-10	10kg tub		



STOPAQ PIPE SEALANT MORTAR

Fibre-Reinforced, Non-Shrinking Mortar

- » An inorganic, non-shrinking, asbestos-free mortar, used as a mechanical barrier for pipe and cable wall penetrations
- » Suited for application in wall and floor conduits, it also bonds well to concrete and brick
- » Combine with 2100 Aquastop for permanent sealing

Codes	Size	Colour	Mixing Ratio
308-M	0.5kg tub	Grey	1.0 kg of Mortar to 0.15 litres of water
SX308-M5	5kg tub		



LEAKPLUG

Single-Use Kit for Sealing Structural Leaks

- » Effective polyurethane sealant kit for sealing water leaks in pipes and cable ducts, even under high hydrostatic pressure or flow conditions
- » Single-use kit

Code	Size	Includes	Coverage
Leakplug	Resin - 0.5kg Catalyst - 0.05L Polyester Fibres - 40g	1 pair gloves 1 plastic bag	2 x 110mm ducts (approx)

SHEET WATERPROOFING MEMBRANES



A selection of preformed external waterproofing membranes, including our flagship, self-healing and third-party certified membrane, HydroBond 403.

Used externally, these products can either be post- or pre-applied to the exterior surface of a below-ground or earth-retaining structure, providing waterproofing solutions for earth-retaining structures.

The membranes are categorised as a 'Type A' form of waterproofing as per British Standard 8102:2022. As such, they are designed to resist hydrostatic pressure and prevent water passing through the structure and penetrating the internal environment.

The gas membrane products also provide effective protection against harmful ground gases including radon, carbon dioxide, hydrocarbons, methane and volatile organic compounds.

STAY UP TO DATE

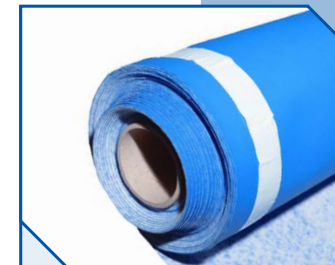
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SHEET WATERPROOFING MEMBRANES

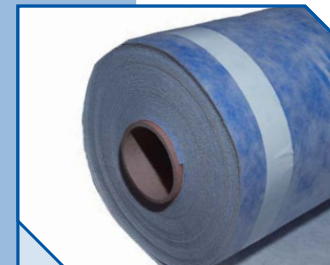


HydroBond 402 Pre-Applied Membrane

- » For foundation structures, basements and water tanks
- » Excellent adhesion prevents water migration
- » Excellent crack-bridging capabilities



Code	Size	Colour	Area
402	1m x 20m	White/Blue	20m²

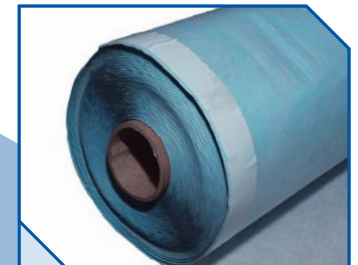


HydroBond 403 Self-Healing Membrane

- » Applied to permanent raft & wall formwork
- » Self-healing
- » BDA certified
- » Full mechanical bond to concrete



Code	Size	Colour	Area
HB-2	1m x 20m	White/Blue	20m²



HydroBond 403 GB Water & Gas Membrane

- » Applied to permanent raft & wall formwork
- » Third-party tested resistance to radon, carbon dioxide and hydrocarbon gases
- » Full mechanical bond stops water migration

Code	Size	Colour	Area
HBGB	1.5m x 20m	White/Blue	30m²



HydroBond SA Self-Adhesive Membrane

- » Post-applied to retaining walls or below-ground structures
- » Creates a waterproof barrier around the structure
- » Resistant to impact and aggressive chemicals

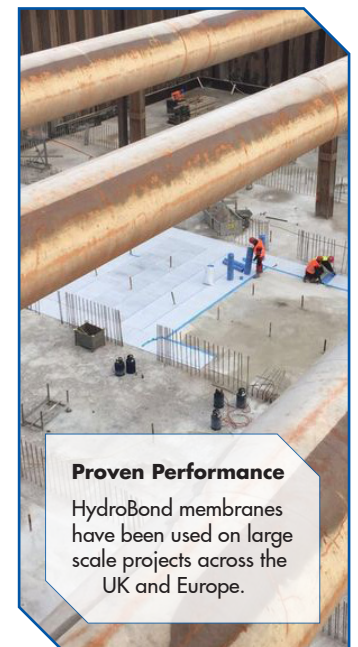
Code	Size	Colour	Area
401M	1m x 20m	Black	20m²



HydroBond SAGM Self-Adhesive Gas Proof

- » Effective barrier against all ground gases
- » Post-applied to retaining walls or below-ground structures
- » Creates a water/gas proof barrier around the structure

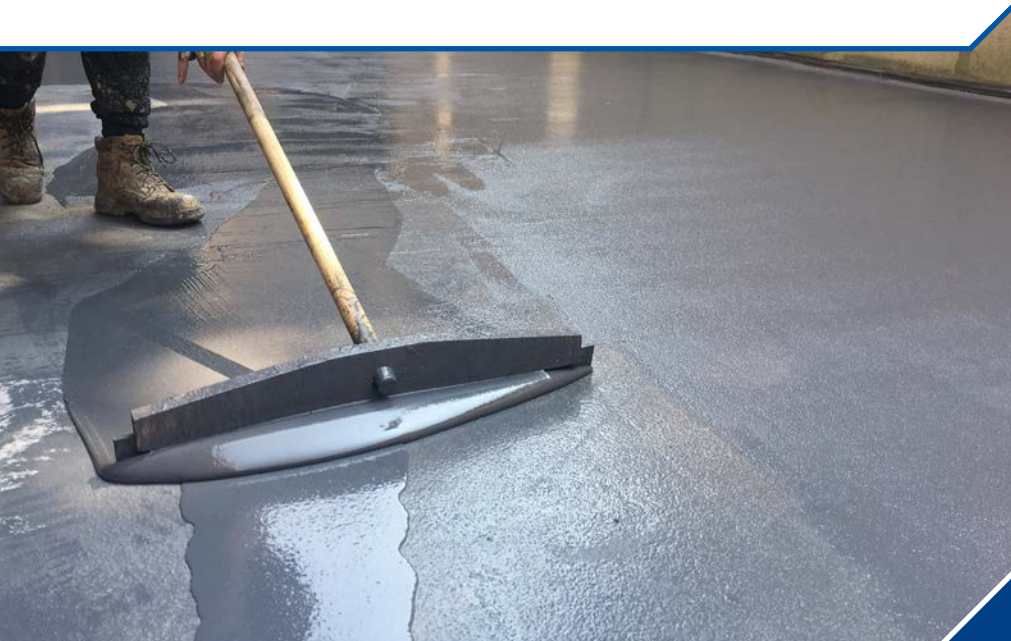
Code	Size	Colour	Area
401-GM	1m x 20m	Silver	20m²



Proven Performance

HydroBond membranes have been used on large scale projects across the UK and Europe.

SPECIALIST COATINGS



These liquid-applied coatings provide solutions for applications such as:

- protective and decorative internal floor coatings
- priming newly placed or damp concrete and screed
- post-applied damp proof membranes (DPM) for concrete and screed
- anti-mould and anti-condensation paint for internal walls
- applying a water repellent treatment to external masonry

The epoxy products provide a fast-curing and effective method for priming and protecting internal floors, creating a durable finish.

Facade creams and anti-condensation paints also provide a simple solution for preventing both mould and water penetration in above-ground environments.

STAY UP TO DATE

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SPECIALIST COATINGS



Epoxy Primer Damp-Tolerable Primer

- » Pre-priming damp/porous concrete/screed prior to application of Epoxy DPM
- » Applicable to damp concrete and screed after just 7 days

Code	Size	Colour	Application Rate
901-P	5kg	Clear	0.25kg/m ² - 1st coat 0.17kg/m ² - 2nd coat



Epoxy DPM Damp-Tolerable DPM

- » Priming damp, non-porous concrete as vapour barrier prior to floorings, membranes, coatings, compounds & screeds
- » High-bond DPM

Code	Size	Colour	Application Rate
810-5	5kg two component	Black	0.35kg/m ² then 0.20kg/m ²



Epoxy Top Coat High-Build Floor Coating

- » Tough, waterproof and chemical-resistant flooring
- » Internal lining for concrete or steel storage tanks
- » High-build, highly adhesive & durable coating

Code	Size	Colour	Application
701-HB	5kg two component	Part A - Grey Part B - White	0.5-0.6 kg/m ²



CWC Stop Condense Anti-Condensation Paint

- » Applied to cold internal surfaces affected by black mould and condensation
- » DIY, cost-effective solution
- » Can be over-painted with water-based emulsions

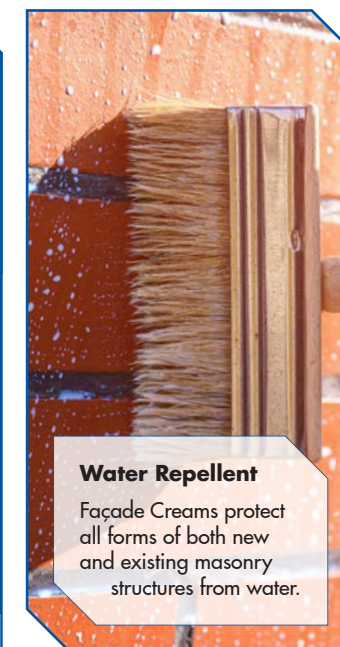
Code	Size	Colour	Application Rate
CWC	5 Litre	White	0.5-0.7 Litres/m ²



Façade Cream Masonry Water Repellent

- » Protective treatment for new and existing masonry
- » Single-coat application with brush, roller or spray
- » Does not change the appearance of the surface

Code	Size	Colour - New	Colour - Cured
FC5	5 Litre	White	Clear



Water Repellent

Façade Creams protect all forms of both new and existing masonry structures from water.

WATERBARS & WATERSTOPS



British Standard 8102:2022 defines Type B waterproofing as designing the structure to be integrally waterproof and the primary barrier to water ingress.

Nothing provides better primary resistance to water than a well-designed and well-placed reinforced concrete structure, designed to BS EN 1992 with sufficient steel reinforcement to limit flexural and sectional cracking.

The use of correctly designed and installed waterbars and waterstops at the places where the concrete isn't watertight, such as at joints and penetrations, will result in a Type B structure that should be fully watertight.

Our range of waterbars and waterstops include:

- durable, weather-resistant metal and PVC products
- hydrophilic waterbars that swell in contact with water
- injection hose waterbars that seal the construction joints with specialist resin

STAY UP TO DATE

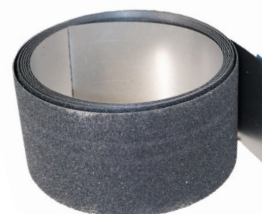
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WATERBARS, WATERSTOPS & ADHESIVES



HydroTank 301-EP Metal Waterbar

- » For construction joints between rafts and walls
- » Waterproof up to 5 bar water pressure
- » Can be installed in any weather and temperature

Code	Size	Fixings
SX301-E	140mm x 6m	Supplied with 12 x waterbar clips



HydroTank 302 Injection Hose

- » Inject with PC Leakinject 2K Flex 6811 LV resin to seal joints in retaining structures
- » No kicker/rebate required

Codes	Sizes	Kit includes
302K120	120m injection kit	Injection ports, nipples, clamps, hoses & connectors
302K90	90m injection kit	
302K60	60m injection kit	
302K30	30m injection kit	



HydroTank 315 Polymer Waterbar

- » Seals against water in cast-in-place concrete & pre-cast construction joints
- » Swells up to 9 times its original size

Code	Size	Colour
315-2	20mm x 2mm x 20m	White
315-5	20mm x 5mm x 20m	
315-10	20mm x 10mm x 10m	



HydroTank PVC WaterStop

- » Cast-in-situ with no kicker or rebate required
- » Not sensitive to temperature

Products	Descriptions
External Waterstop	200 or 250mm x 12m
Internal Waterstop	200 or 250mm x 12m
Welding Blade	110V heating blade
L-Junctions	Vertical or Flat L-Junction
T-Junctions	Vertical or Flat T-Junction
X-Junctions	Flat X-Junction



HydroTank 306 SwellMastic

- » Swells in contact with water to 200% of its original size
- » For installing Newton waterbars, detailing HydroBond 403 membrane and sealing protrusions

Code	Size	Colour	Application Rate
306	310ml	White	5.5 - 8.5 linear metres



HydroTank 309 Flexible Adhesive

- » Flexible, non-swelling option for waterbars, CDM BaseBoard (p29) as well as general panels, frames and other similar elements
- » Bonds to most building materials

Code	Size	Colour
309-M	290ML	White

PROTECTING BUILDINGS SINCE 1848

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Scan the QR code to view and download all product data from the Newton website:

