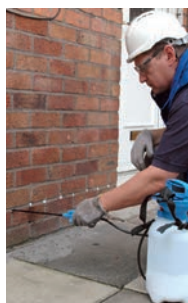




## THE ULTIMATE BUILDING GUIDE



# DAMP STRUCTURAL WATERPROOFING TIMBER TREATMENT ANTI-CONDENSATION

A SOLUTION FOR EVERY PROBLEM



NBS



Basement  
Waterproofing  
ASSOCIATION



# WYKAMOL - TRITON

## MARKET LEADERS IN PROPERTY RENOVATION AND REPAIR

**For almost 90 years the Wykamol Group has been the market leader in the field of property renovation and repair. With the recent acquisition of Triton Systems, the Wykamol Group of companies continues to grow, meaning we have the broadest range of property repair and renovation solutions under one umbrella anywhere in the UK.**

Our unrivalled range includes products for use in basement waterproofing, damp treatment, gas-proofing, wood preservation and protection, cellar conversions, tanking and structural repair.

Such is the strength of our name, Wykamol products are now distributed and used throughout Europe, Africa, the Middle East and Australia.

### **Access to Some of the Best Technical Advice in the UK**

Supporting our customers at every stage is something that we pride ourselves in at the Wykamol Group, and our technical support, in particular, is second-to-none. We offer a bespoke design service across 3 sectors of the Construction Industry: Damp and Timber, Structural Repairs and Structural Waterproofing.

To coincide with this service we also offer regular theoretical training courses to Contractors, Architects and Engineers, to ensure everyone in the industry is kept informed regarding new building legislation and best practice.

The Wykamol Group employ staff from various technical backgrounds including Chemists, Surveyors and Structural Waterproofing Specialists who are all on hand to provide technical advice and training. In addition, Wykamol have an ongoing programme of continual staff development

and were previously the proud winners of the Property Care Association staff training award.

### **Access to State-of-the-Art Facilities**

The Wykamol Group's wide-ranging facilities, including a £1 million powder plant and state-of-the-art laboratory, not only aid the development of our innovative products, but our highly qualified Chemists regularly perform sample analysis on behalf of Contractors. Detailed reports are completed to aid in the identification of remedial issues which may be difficult to diagnose. Sample testing removes the need for guess work, ensuring the correct solution is identified from the start of a project, saving time and money.

In 2018 we invested a further £2.5 million in a membrane extrusion plant, allowing us to manufacture Type C Cavity Drain Membranes. The extruder uses the latest in technology to mould HDPE into waterproofing and damp-proofing membranes, which are now used across the UK in hundreds of renovation and new build projects. In 2021 a further £200,000 investment was made towards 2 injection moulding machines and automated assembly lines, bringing the manufacture of even more essential waterproofing accessories in-house.

**Please contact the Wykamol or Triton Technical Teams if you need advice.**



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# ↑ RISING DAMP SOLUTIONS

## ULTRACURE® 380ML KIT

### ULTRACURE® DAMP PROOF CREAM THE ULTIMATE CURE FOR RISING DAMP

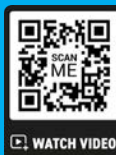
**Ultracure®** is one of the leading products on the market for the control of rising damp. The unique silicone emulsion cream is injected into the masonry wall to form a barrier, protecting your walls against harmful salts and damp. **Ultracure®** can be used in conjunction with Wykamol's DampStop Mesh Membrane Kit and Renderproof or Wykamol Renovation Plaster.



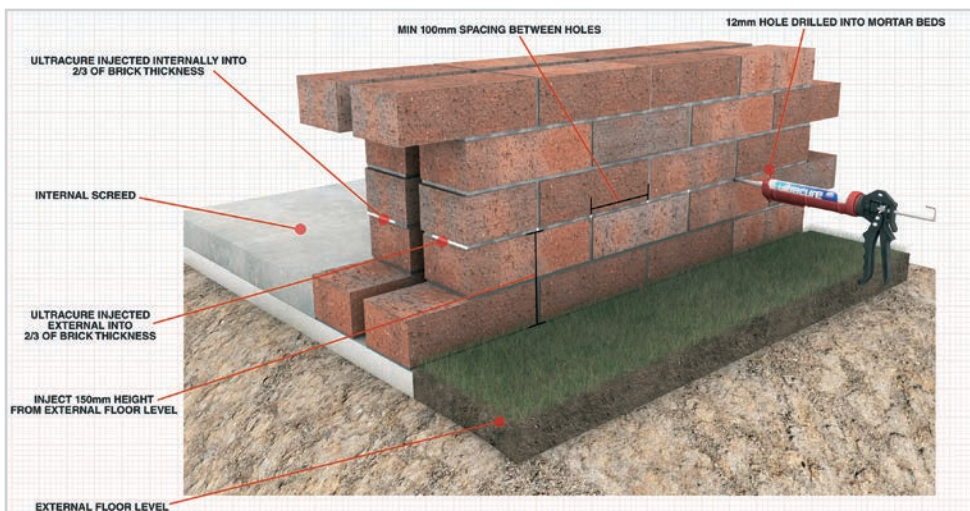
- Effective for at least 20 years
- BBA approved
- No high-pressure injection pump is needed
- No pump cleaning between jobs
- Can be used in conjunction with the DampStop Mesh Membrane Kit
- Finish with Renderproof or Wykamol Renovation plaster
- Easy, fast and clean installation
- Virtually odourless
- Can be used in all types of masonry
- Precise dosing
- Low hazard



Rising damp is a common problem in older properties. In the majority of cases a remedial damp-proof course is a cost effective way of resolving your rising damp problem with minimal disturbance.



## NEED ADVICE?



Use the diagram above to help with your **Ultracure®** application. Always refer to the technical data sheet available on our website or scan the bar code above to watch our installation video!

### KIT INCLUDES:

- 8 x 380ml of Ultracure®
- Heavy-duty applicator gun
- 1 x 12mm x 250mm SDS drill bit
- 1 x 12mm x 160mm SDS drill bit
- 1 x Disposable gloves
- 1 x Extended Nozzle
- User Guide

This kit contains everything you need to complete a highly effective damp-proof course. Some items are also sold separately.



PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Ultracure Complete Kit	ULTRA380MKIT	KIT	1 x 380ml Ultracure covers: 115mm brick thickness = 3.4 linear metres 230mm brick thickness = 1.75 linear metres
Ultracure Individual Cartridge	ULTRA400	380ml	
Ultracure 380 Gun ONLY	ULTRAGUN	1	

FOR MORE INFORMATION VISIT [www.wykamol.com](http://www.wykamol.com)

# ULTRACURE® 1 LITRE KIT



- 8 x 1 Litre Ultracure®
- Heavy-duty applicator gun
- 1 x 12mm x 250mm SDS drill bit
- 1 x 12mm x 160mm SDS drill bit
- 1 x Disposable gloves
- 1 x Brass nozzle
- User guide



This kit contains everything you need to complete a highly effective damp-proof course. Some items are also sold separately.

## 1 LTR CARTRIDGE GUN & BRASS NOZZLE



- Heavy-duty applicator gun
- Extended nozzle
- User guide

A heavy-duty applicator gun and brass nozzle for use with the Ultracure® 1 Litre cartridge. The spring and trigger mechanism makes application easy and mess free.

1 Litre tubes sold separately.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Ultracure 1 Litre Individual Cartridge	ULTRA1	1 LITRE	<b>1 x 1 Litre Ultracure covers:</b>  <b>115 mm brick thickness = 10 linear metres</b> <b>230 mm brick thickness = 5 linear metres</b>
Ultracure 1 Litre Complete Kit	ULTRA1MKIT	KIT	
Ultracure 1 Litre Gun and Brass Nozzle in a box	ULTRA1GNKIT	KIT	
Ultracure 1 Litre and Plastic Nozzle	ULTRA1 + NOZZLE	KIT	
Ultracure 1 Litre Gun Only	DRYGUN	1	

Rising damp is a common problem in older properties. In the majority of cases a remedial damp-proof course is a cost effective way of resolving your rising damp problem with minimal disturbance.

## INJECTION PLUGS



These plastic plugs seal injection holes after the application of an Ultracure® DPC. The injection plugs create a colour matched seal removing the need to cover holes with sand and cement.

PRODUCT DESCRIPTION	CODE	PACK SIZE
Stone Injection Plugs	IP12MMSTONE	100
Grey Injection Plugs	IP12MMGREY	100
Rustic Red Injection Plugs	IP12MMRUSTIC	100

## ULTRACURE® 600ML FOIL



The Ultracure® 600 ml foil sausage is easy to transport and perfect for smaller volume projects. Ultracure 600 ml applicator gun and nozzle kit is needed for application.



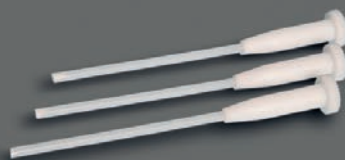
## 600ML APPLICATOR GUN



A heavy-duty applicator gun and nozzle for use with the Ultracure® 600 ml foil sausage. This applicator gun is made for precision and helps to reduce wastage. 600 ml foil sausage sold separately.

PRODUCT DESCRIPTION	CODE	PACK SIZE
Ultracure 600ml Foil Sausage	ULTRA600	1
Ultracure 600ml Gun & Nozzle	ULTRAGUN+NOZZLE	KIT
1 x 600 ml covers: 115 mm brick thickness = 6 linear metres		
1 x 600 ml covers: 230 mm brick thickness = 3 linear metres		

## EXTENDED PLASTIC NOZZLE



Ultracure extended plastic nozzles are available to fit both the Ultracure 380 ml and the Ultracure 1 Litre cartridges.

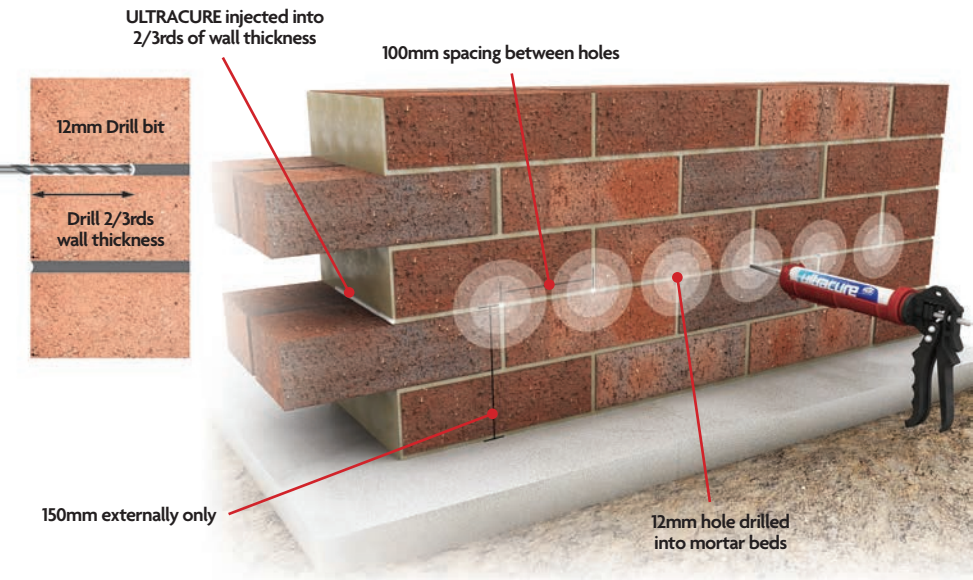
- Easy to clean out.
- Allows for precise application.
- Helps prevent wastage.
- Can be used multiple times.
- Cost effective nozzle.

PRODUCT DESCRIPTION	CODE	PACK SIZE
380ml Extended Plastic Nozzle (12mm)	NOZZEXTD	1
1 Litre Extended Plastic Nozzle (12mm)	NOZZEXTD1	1



# RISING DAMP SOLUTIONS

## ULTRACURE® USAGE GUIDE



### DRILL HOLE SIZE, DEPTH AND LOCATION

Drill 12 mm diameter holes horizontally in the mortar bed at distances of 100 mm, but no greater than 120 mm. The depth of the hole required for various sizes of wall is shown in the table below (approx. 90% of any given wall thickness).

For walls of intermediate thickness the depth of holes should be pro-rata. Where the masonry is irregular, ensure the horizontal drilling pattern targets the base of all perpend of the course selected.

Drill hole depth required, dependent on wall thickness:

Wall Thickness	115mm - 4½ Inches	230mm - 9 Inches	345mm - 13½ Inches	460mm - 18 Inches
Depth of Hole	100mm	210mm	320mm	430mm

Rising damp is a common problem in older properties. In the majority of cases a remedial damp-proof course is a cost effective way of resolving your rising damp problem with minimal disturbance.

Pack Size	Coverage for typical 115mm (4½ Inch) Wall Thickness
380 ml	3.5 Linear Metres
600 ml	6 Linear Metres
1 litre	10 Linear Metres
3 litre	30 Linear Metres
8 litre	80 Linear Metres

Pack Size	Coverage for typical 230mm (9 Inch) Wall Thickness
380 ml	1.75 Linear Metres
600 ml	3 Linear Metres
1 litre	5 Linear Metres
3 litre	15 Linear Metres
8 litre	40 Linear Metres

Pack Size	Coverage for typical 345mm (13½ Inch) Wall Thickness
380 ml	1.15 Linear Metres
600 ml	2 Linear Metres
1 litre	3.3 Linear Metres
3 litre	10 Linear Metres
8 litre	25 Linear Metres

Pack Size	Coverage for typical 460mm (18 Inch) Wall Thickness
380 ml	0.875 Linear Metres
600 ml	1.5 Linear Metres
1 litre	2.5 Linear Metres
3 litre	7.5 Linear Metres
8 litre	20 Linear Metres



# REPLASTERING SPECIFICATIONS

## WYKAMOL RENOVATION PLASTER

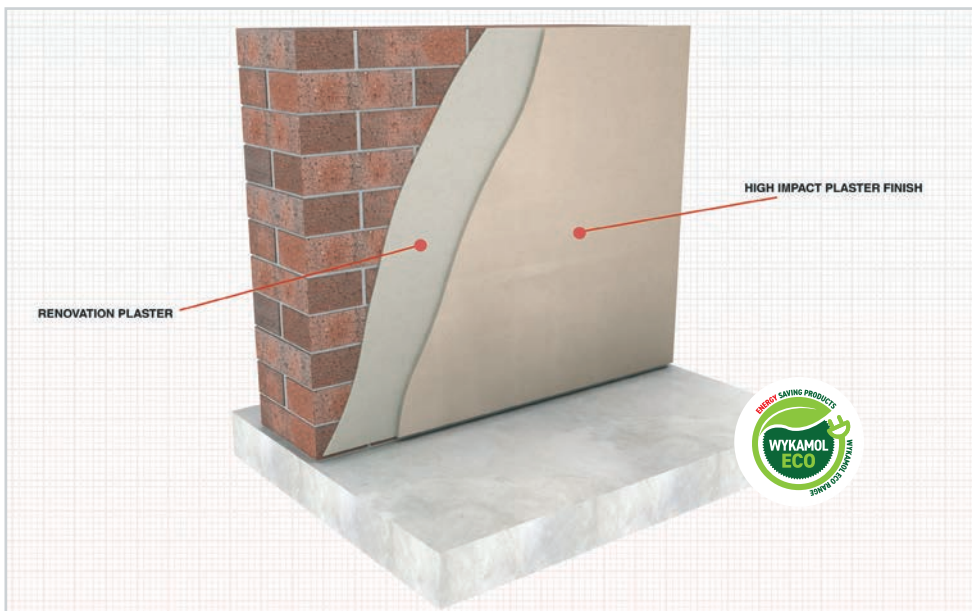


**Wykamol's Renovation Plaster** is a fibre-reinforced, lightweight, cementitious plaster to be used as part of a replastering specification after the application of a DPC. It is designed to have similar properties to a 1:1:6 cement:lime:sand plastering mortar, with perlite replacing some of the sand to improve thermal resistance and reduce condensation. Wykamol Renovation Plaster can be used in conjunction with basement waterproofing systems such as Wykamol Tanking Slurry and is part of our Wykamol Eco Product Range due to its energy saving properties.

**Note:** DO NOT apply Thistle Multi-Finish on top of Wykamol Renovation Plaster.

- Contains perlite for improved thermal performance.
- Prevents formation of black mould.
- Reduces risk of condensation.
- Easy to use - very light weight and premixed for quality control.
- Prevents damp and salt migration.
- Fibre reinforced - eliminates cracking.
- Inhibits rusting of angle beads, conduits etc.
- 20 kg bag for safe manual handling.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Renovation Plaster, Grey	RENPLA	20 Kg	3 m <sup>2</sup> / 20 Kg bag at 10 mm thickness
Renovation Plaster, Grey, Pallet Rate	RENPLPAL	50 X 20 Kg	



**Replastering is essential after a DPC, as residual salts and moisture can damage the new plaster finish. Wykamol offer a range of replastering options with waterproofing and salt inhibiting properties.**

## WYKAMOL HIGH IMPACT PLASTER FINISH



**Wykamol High Impact Plaster Finish** is highly durable and designed to provide a quality, long-lasting finish over Wykamol's Renovation Plaster, or a range of other substrates, including existing gypsum plaster, plasterboard and lime based backgrounds. Wykamol High Impact Plaster Finish should be used as part of a replastering system, after the installation of a damp-proof course. It is also an ideal product to use as part of flood remediation due to its breathability and for busy environments such as hospitals, schools and children's nurseries which are prone to accidental damage. **Note:** Product is not suitable for application onto sand/cement mixes and should only be used for interior plastering works.

- Excellent resistance to glancing impacts.
- High resistance to accidental damage such as scratching, gouging or chipping.
- Extended times between necessary maintenance of plaster finish.
- Compatible with multiple substrates.
- Flexible and breathable.
- Can be left unpainted if a natural, matt look is desired.
- Extended working time compared to similar products.
- Workable and easy to apply.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
High Impact Plaster Finish	NMDHIPF20	25 Kg	Up to 10 m <sup>2</sup> / 25 Kg bag at 2 mm thickness
High Impact Plaster Finish, Pallet Rate	NMDHIPFPALL	40 X 25 Kg	

## SBR LATEX BONDING AGENT



A specially modified liquid-latex which is compatible with any cement based mixes. It may be incorporated into cementitious renders, screeds or patching mixes, or applied directly to the substrate, to improve adhesion and resistance against water, chemical and abrasion.

- Can be used in areas of continuous or intermittent water contact.
- Improves flexibility and reduces cracking.
- Improves resistance to chemicals and abrasion.
- Improves adhesion.
- Improves workability of mix.
- Allows thinner screed to be laid.
- Imparts high water/salt resistance when added to mix.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
SBR Latex, White	SBR5L	5 Litre	Please refer to the technical data sheet on our website, or contact the Wykamol Head Office.
SBR Latex, White	SBR25L	25 Litre	



# REPLASTERING

## SPECIFICATIONS

### WYKAMOL SALT NEUTRALISER



**Wykamol Salt Neutraliser** is a surface treatment used to neutralise the harmful effects of salt to your plaster finish. In cases where replastering can be avoided, salt neutraliser is used on the interior walls to prevent residual salts in the masonry from causing future damage to plaster finishes.

- Can be used on all types of masonry.
- Can save considerable time and money on replastering.
- Can be used in a concentrated or diluted form.
- Can be applied to preserve interior plaster finish.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Salt Neutraliser, Clear	SNEUT	5 Litre	Approx. 5m <sup>2</sup> to 10m <sup>2</sup> , dependent on substrate porosity

### RENDERPROOF PLASTER ADDITIVE



**Renderproof** is an additive designed for use in external and internal render coats to prevent the passage of water and residual salts, usually following the insertion of a DPC.

- Can be used on all types of masonry.
- Reduces pore size in render to inhibit passage of water.
- Prevents passage of residual ground salts and water.
- Highly concentrated - 1 part renderproof for 24 parts water.
- Maintains a vapour permeable substrate allowing walls to breath and dry out.



PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Renderproof, Pink	RENDERPROOF5L	5 Litre	0.5 Litres per 25Kg Bag of Cement
Renderproof, Pink	RENDERPROOF25L	25 Litre	

Replastering is essential after a DPC, as residual salts and moisture can damage the plaster finish. Wykamol offer a range of replastering options with waterproofing and salt inhibiting properties.

## DAMPSTOP MESH MEMBRANE KIT

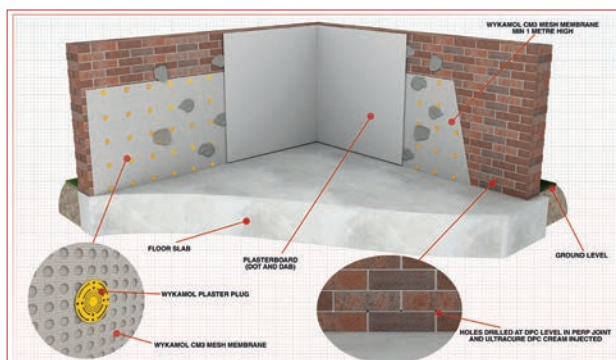


**Dampstop Mesh Membrane Kit** is a 3mm studded damp-proofing membrane which is applied, studs facing the wall, using the fixing plugs and tape provided. The slimline 3mm membrane allows for an even plaster finish across the wall.

- Can be used in conjunction with Ultracure DPC cream.
- Creates a warmer wall to help prevent condensation and black mould.
- Fast drying out process after application of chosen finish.
- Accepts direct render finish and dot and dab plasterboard.
- Resistant to harmful salts.
- Can be applied to damp walls to achieve a faster redecoration time.
- Membrane is BBA approved.

### KIT INCLUDES:

1m x 10m of CM3 Mesh Membrane  
100 fixing plaster plugs  
Fibre Tape (Accessories also sold separately)



PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Dampstop Mesh Membrane Kit, Clear	KMESHECOKIT	KIT	10 m <sup>2</sup>
CM3 Mesh Membrane ONLY, Clear	CM3MESHIX10	1m x 10m	10 m <sup>2</sup>
CM3 Mesh Membrane ONLY, Clear	CM3MESHIX20	1m x 20m	20 m <sup>2</sup>
CM3 Mesh Membrane ONLY, Clear	CM3MESH1.2X20	1.2m x 20m	24 m <sup>2</sup>
CM3 Mesh Membrane ONLY, Clear	CM3MESH2X20	2m x 20m	40 m <sup>2</sup>
Wykamol Plaster Plugs, No Seals	CMPLASTERPLUG100	100	Approx. 15 plugs/ m <sup>2</sup>
Wykamol Fibre Tape	WYKFIBRE	1	115 mm x 25 m

FOR MORE INFORMATION VISIT [www.wykamol.com](http://www.wykamol.com)

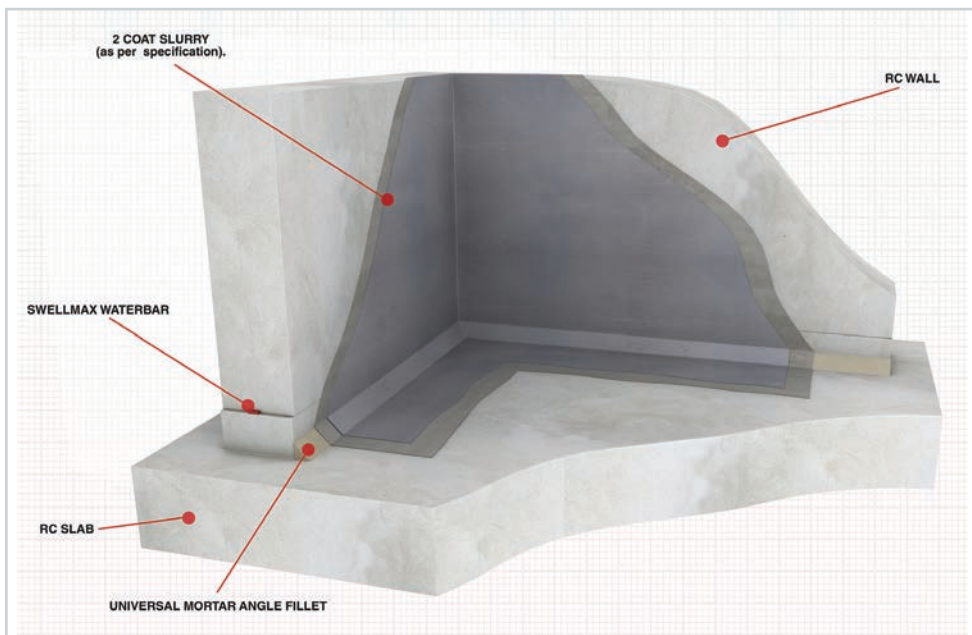
# TANKING SYSTEM

## WYKAMOL TANKING SLURRY



Tanking Slurry is a cementitious waterproofing system. Containing crystalline technology, it is designed to form a permanent, waterproof coating to concrete and masonry in basements, cellars, foundations, swimming pools, renders, brickwork, block work and many other applications.

- Superior bond strength.
- Permanent waterproofing for concrete and masonry.
- Suitable for use internally and externally.
- Suitable for use above and below ground.
- Just add water.
- Safe to use in contact with potable water.
- Easy to apply using brush, roller or spray.





# **DAMP AND TIMBER COURSES**

**DATES AVAILABLE  
THROUGHOUT THE YEAR**

**PLEASE ASK IN BRANCH  
FOR MORE DETAILS**



# LIQUID DPM FOR FLOORS AND WALLS

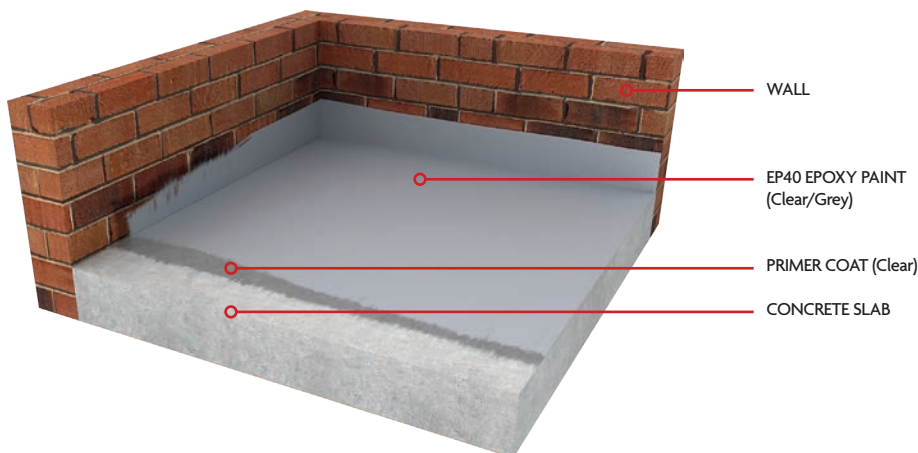
## EP40 EPOXY FLOOR COATING SYSTEM



**EP40 Floor Coating System** is a water-based, easy to apply system which consists of the EP40 Epoxy Floor Primer and the EP40 Epoxy Finish Coat in grey or clear. The primer is designed to soak into the substrate, block pores, improve adhesion and ensure an even, high-quality finish. After the final application of EP40 Finish Coat, floors become easier to clean and hard-wearing.

**This is a 2 part system and both the primer and finish coat are required to achieve the desired finish.**

- Easy to apply.
- Excellent adhesion to concrete.
- Provides attractive, dust-free finish.
- Substantially more resistance to chemicals, fuels and lubricants.
- Can be used internally and externally (if covered).
- Ideal for areas with high foot traffic and vehicles such as forklift trucks.
- Can be applied to green concrete after 7 days.
- Floor becomes easier to clean with impervious finish.



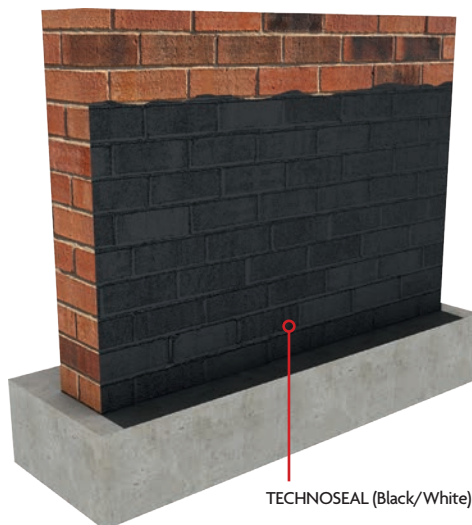
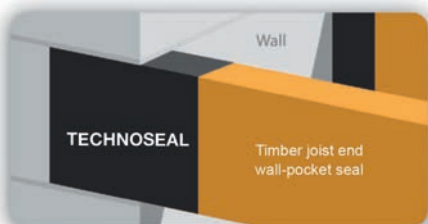
PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Epoxy Floor Coating, Primer	NMDEPP5	5Kg	Up to 40m <sup>2</sup> , 2 coat application, depending on substrate porosity and roughness
Epoxy Floor Coating, Grey	NMDEP40G5	5Kg	
Epoxy Floor Coating, Clear	NMDEP40C5	5Kg	

# TECHNOSEAL MEMBRANE PAINT



**Technoseal is an SBR latex-based liquid-applied membrane for damp-proofing and waterproofing applications. Available in black and white.**

- Non-toxic, non-hazardous and solvent free
- Ideal in very wet areas - floors and walls in wet rooms
- Easy application by brush, roller or high-pressure spray
- Apply to block work, stone, brick, timber and concrete
- Can be applied to damp walls and floors
- Can be plastered and boarded on top
- For internal use only unless rendered/protected on top
- Two coat application



TECHNOSEAL (Black/White)

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Technoseal, Black	TECSEAL	5 Litre	Covers up to 5 m <sup>2</sup> in a 2 coat application
Technoseal, White	TECHSEWT5	5 Litre	

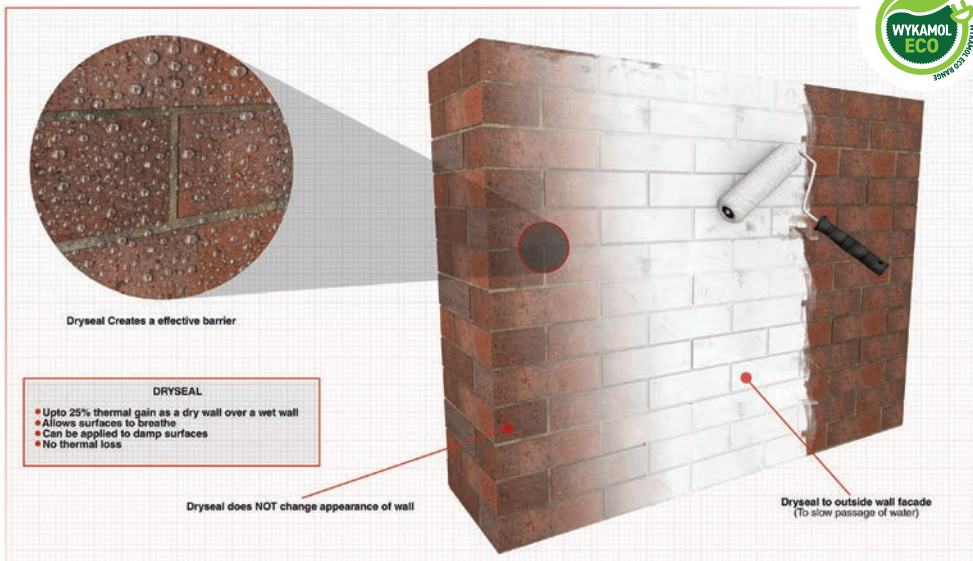
# WEATHERPROOF COATINGS

## DRYSEAL MASONRY CREAM



**DrySeal** is a waterproofing cream for the protection of masonry surfaces against water, pollutants, frost and salt damage. Always perform a small test application to ensure finish is as desired. DrySeal can be applied to a range of substrates. See next page for examples.

- Easy application by brush, roller or low-pressure spray.
- Protects against efflorescent salts which damage paintwork.
- Becomes effective straight after drying (approx. 3 hours).
- Can be applied to damp surfaces.
- Allows surfaces to breathe.
- Dries colourless and does not stain surfaces.
- Helps keep substrate dry so improves insulation by up to 25%.



PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Dryseal, White (Clear when dry)	DRYSEAL3	3 Litre	Up to 25 m <sup>2</sup> in a 1 coat application dependent on substrate porosity



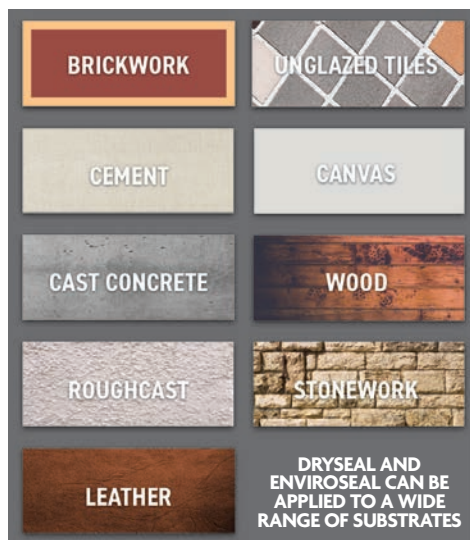
Keep your property dry and warm by waterproofing your external walls with one of Wykamol's weatherproof coatings. Dry external walls have been proven to improve a property's U-values, which helps to prevent condensation and mould growth.

## ENVIROSEAL WATER REPELLENT



**Enviroseal** is an effective, liquid-based, solvent free, silicone water repellent which can be used on a wide range of materials. Always perform a small test application to ensure finish is as desired.

- Easy application by brush, roller or low-pressure spray.
- Becomes effective immediately after drying (approx. 3 hours).
- Will shed water born dirt and surface contamination.
- Allows surfaces to breathe.
- Improves insulation.
- Can be applied to damp surfaces.



PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Enviroseal, White	ENVIRO5LT	5 Litre	1 Litre covers up to 5m <sup>2</sup> in a 2 coat application dependent on substrate porosity
Enviroseal, White	ENVIRO25LT	25 Litre	

# ENERGY PERFORMANCE AND DAMP CONTROL IN ONE APPLICATION

## ISO-THERM

**ISO-THERM** is an ultra thin (+/-4mm) specially woven polyester-based material, which is both unique and patented. Available in rolls of 1 metre wide, it is flexible and lightweight and will accommodate a multitude of wall finishes. Due to its ease of use and flexibility it can be cut around light switches/sockets/radiator brackets, and is minimally invasive in its installation.

Very often, door architraves and skirting can remain in place, and because of its malleability it fits around and into window reveals with ease. It is fixed in place with our unique **ISO-THERM** adhesive, normally trowelled onto the wall to a thickness of circa 5mm, with the **ISO-THERM** affixed and rolled into the adhesive. The overall finished depth after a direct plaster skim coat is approximately 10mm.

**ISO-THERM** is vapour permeable but waterproof, thereby resisting any lateral damp transference and stopping the subsequent natural surface nitrates and chlorides forming as an efflorescent salt.

Because of its high thermal benefit and the prevention of any natural damp transference, it is highly resistant to any formation of surface mould. The sheer speed of application and the ability to apply directly to sound plastered walls, means that large areas can be applied in a very short space of time. Both residential and commercial properties suffering from cold and damp/mouldy walls can be improved substantially with minimum of disruption.

**We believe this to be the most exciting and innovative product for improving internal cold & damp walls in a generation.**



CODE	SIZE
ISOTHERM7.5X0.95	1 x 7.5m metre roll
ISOTHERMBOND15	15kg adhesive

**A new and innovative patented textile-based thermal system for wall insulation, anti-condensation & damp control, for dry and warmer walls.**

ISO-THERM

## ISO-THERM

### DESCRIPTION

ISOTHERM is a thermal insulator made from a base of 100% polyester non-woven fabric coated with a flame-retardant acrylic compound, 100% water-based.

#### Diagram Key

1. Wall
2. Render - Plaster Finish
3. ISO-Therm Adhesive
4. Liner ISO-THERM
5. Finishing - Plaster Skim Coat
6. Concrete Floor
7. Ground

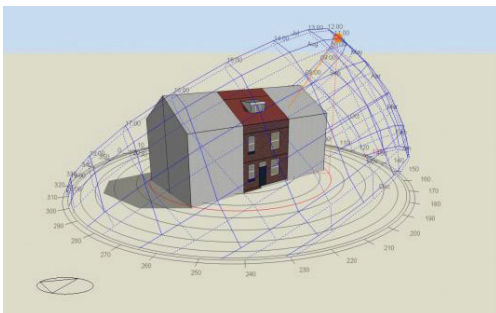
## ISO-THERM DIAGRAM



## ISO-THERM ADHESIVE

### DESCRIPTION

A ready-to-use, fibre reinforced adhesive with enhanced polymer technology which imparts quick drying rates and improved early bond strength development. With excellent water resistance and vibration tolerance this product is ideal for application to walls even in high traffic areas.



#### Solid brick wall mid terrace

Wall U-value (BS EN ISO 6946)

- Baseline = 1.898 W/m<sup>2</sup> · K
- Retrofit = 1.488 W/m<sup>2</sup> · K
- % Improvement = 21.60%
- Pull off resistance = 0.3 MPa
- **Level of fungal growth after 4 week incubation at 25°C = 0**



**Part of the Wykamol energy saving product range, “Triple lock heat saver” technology when used in conjunction with ThermalDry and Dryseal**

# ANTI-CONDENSATION AND MOULD CONTROL

## THERMALDRY ANTI-CONDENSATION COATING



ThermalDry Anti-Condensation Coating is both thermally insulating and water repelling. It increases the wall temperature, thus reducing the 'dew point', or the temperature at which condensation occurs.

ThermalDry incorporates micro-technology in the form of hollow glass beads, with a size of 50um and a crush strength of 500 psi. The micro, hollow glass beads act like a miniature 'Thermos Flask', reflecting thermal energy away from the walls, preventing the water from condensing.

### ADVANTAGES

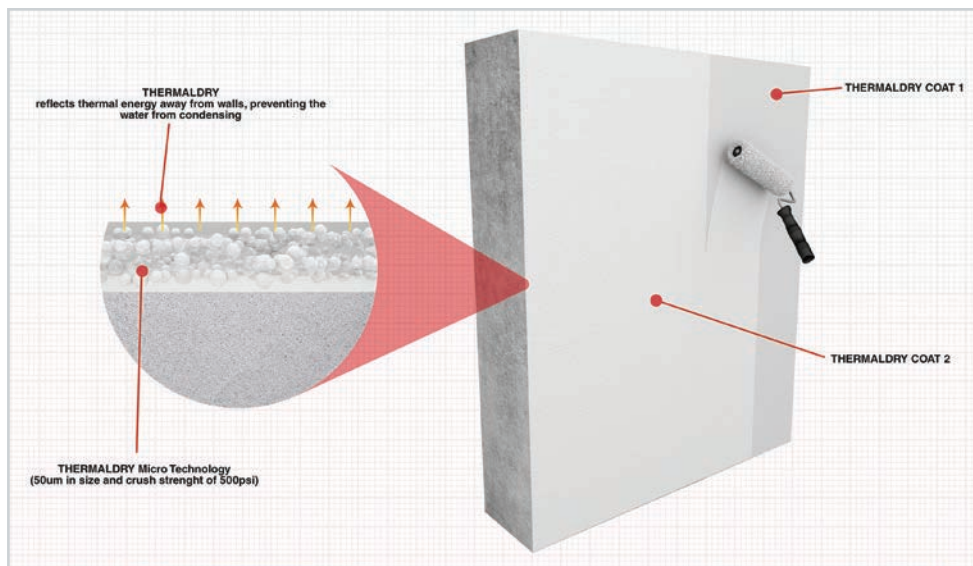
- Coating is waterproof when dry and walls are warm to the touch.
- Takes up to 60% longer for condensation to occur on walls.

- Can be painted or wall papered over with any finish, without reducing its effectiveness.
- Suitable for any interior wall - particularly exterior facing walls, bathrooms & kitchens.
- Prevents formation of black mould and other harmful fungi.
- Eco-friendly and antibacterial.
- Reduces the risk of condensation.
- Increases the life of your chosen paint or wallpaper finish.

### TYPICAL USES

Bathrooms, utility rooms, kitchens, lintels over windows and doors which produce cold spots, cold walls and ceilings and industrial applications.





## PACK SIZE AND COVERAGE

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
ThermalDry Anti-Condensation Coating	NMDTHERMDRY2.5	2.5 LITRE	5-6.25m <sup>2</sup> *
ThermalDry Anti-Condensation Coating	NMDTHERMDRY5	5 LITRE	10-12.5m <sup>2</sup> *

\*Coverage is based on a 2 coat application and dependent on porosity of substrate.

ThermalDry is a styrene acrylic, co-polymer dispersion water-based paint, which is thermally insulating and water repelling.

# ANTI-CONDENSATION SOLUTIONS

## MOULD ERADICATION KIT

Wykamol's Mould Eradication Kit is designed to kill mould growth on walls, ceilings, window reveals, frames, doors, skirting boards and prevent it's return.



**Mould Eradication Kit** contains everything you need to remove and kill mould growth in your home and prevent it returning. All products are also sold separately and refills are available. Always refer to the safety data sheet, and use the personal protection equipment provided.

- Removes and kills mould for up to 5 years.
- Solution cleans and sterilises the surface.
- Solution can be used on walls, ceilings, window reveals, frames, doors etc.

### KIT INCLUDES:

**MCS 1 Mould Clear Solution, MCS 3 Fungicidal Paint Additive x 2, Soft sponge, Protective Gloves, Protective Eye wear, Mask and User Guide.**



Spray MCS 1 Mould Clear Solution onto the affected surface from a distance of 3-5 cm.



Rub the surface using the sponge provided.



MCS 3 Paint Additive is specifically formulated to protect decorative finishes from future mould attack.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Mould Eradication Complete Kit	MCSKITBOX	KIT	See below for individual products
MCS3 Fungicidal Paint Additive	MCS3100	100 ml	100ml/ 5 Litre of paint
MCS1 Mould Clear Solution Spray	MCS1500ML	500 ml	MCS1 500 ml covers approx. 5 m <sup>2</sup> based on 1 coat
MCS1 Mould Clear Solution Refill	MCS15L	5 Litre	- dependent upon level of contamination



## MCS3 AND MCS1

**MCS1 Mould Clear Solution is supplied in a handy, ready-to-use spray bottle.**

Designed to provide an initial wash/sterilisation which cleans and kills mould spores and growths on a variety of surfaces, including papered or painted walls, ceilings, window reveals, frames, doors and skirting boards. Once deleted, purchase the MCS1 5 litre refill, which is supplied in recycled packaging, to save on plastic waste.



**MCS3 Fungicidal Paint Additive is supplied in 100ml bottles - the exact amount required to stir into a 5 litre can of paint.**

Specially formulated to protect decorative finishes from future mould attack when added to a number of products, such as emulsion paint, primer, undercoat, varnish, gloss, wallpaper paste or tile adhesive. When used as part of the complete Mould Eradication System, mould spore growth is prevented for up to 5 years.



## SINGLE ROOM HEAT RECOVERY VENTILATOR

**Wykamol Heat Recovery Room Ventilator provides a continuous air exchange, replacing stale moisture-laden, unhealthy air with filtered, fresh, warmed air from outside the dwelling.**

The continuous controlling of relative humidity levels ensures that conditions will not exist in which condensation or mould growth problems can develop and thrive.



### ADVANTAGES

- Whisper quiet & low running costs.
- Up to 86% heat recovery.
- Easy to install (no external access required - 152mm core drill).
- Continuous running trickle ventilation.
- Humidity sensor (preset or adjustable).
- Night sensor allows bedroom installation.
- Produces dramatic improvements of indoor air quality.
- Tamper proof screws (optional).
- Energy savings – differential payback within 4 years against conventional extractor fans.
- Security ventilation™ (no need to open windows).
- Meets IEE, SELV and Building Regulation requirements.

#### PRODUCT DESCRIPTION

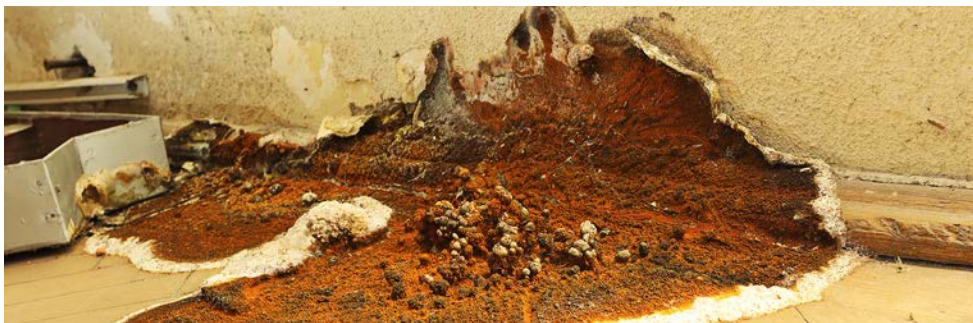
Wykamol Heat Recovery Ventilator

#### CODE

ECLIPSE



# TIMBER ROT TREATMENTS



Dry rot, wet rot, mould, algae, mosses, lichens, beetle infestations...

Problems with timber can seem never ending.  
But we have a solution for every problem...

## Microtech Biocide



**Microtech Biocide** is a multi-purpose treatment containing 'polyphase', for fast action and excellent absorption rates into walls suffering from or vulnerable to dry rot, moulds, algae, mosses and lichens. The unique micro-emulsion ensures Microtech Biocide diffuses into hard to reach places for an effective treatment of the masonry.

- Dilutes to make 25 litres of ready-to-use product
- Unique micro emulsion-system.
- Deep penetration in masonry.
- Non-flammable.
- 1 hour re-entry
- Great product to eliminate moss and lichens

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Microtech Biocide	MTBIO1LT	1 Litre	Makes 25 litres

## WYKABOR 10.1



**Wykabor 10.1** is an aqueous wood preservative for the eradication of common furniture beetles and other wood boring insects, and the prevention of fungal decay in sound timbers. Always refer to the safety data sheet prior to application, which is downloadable from our website.

- Multi-purpose preservative
- Highly-penetrating
- Very low-odour
- Non-flammable
- Suitable for use on the common furniture beetle and other wood boring insects

## WYKABOR 20.1



**Wykabor 20.1** is a brushable and injectable gel for use on timbers at high risk of damage by wood boring insects, dry rot and wet rot. It is ideal for joist ends, purling, wall plates, cut ends and rafters. Always refer to the safety data sheet prior to application, which is downloadable from our website.

- Highly penetrating permanent protection
- Kills active infestations and prevents future infestations
- 3 in 1 treatment - dry rot, wet rot and wood boring insects
- Can be applied by brush or injected into pre-drilled holes
- Odourless, non-staining and easy to handle
- Low environmental hazard

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Wykabor 10.1	WYKBORI05LT	5LT	Litre Approx. 20m <sup>2</sup>
Wykabor 10.1	WYKBORI025LT	25 Litre	Approx. 100m <sup>2</sup>
Wykabor 20.1 Gel	WYKBOR20GEL	5 Litre	Approx. 10 - 12.5m <sup>2</sup>

# TIMBER ROT TREATMENTS

## MICROTECH INSECTICIDE CONCENTRATE



**Microtech Insecticide Concentrate** is a highly concentrated treatment for the eradication and prevention of wood boring insects. Due to the microscopic size of the active ingredient, Microtech Insecticide is highly penetrating and therefore ultra-effective and long-lasting.

- Killing active infestations of wood boring insects such as woodworm (Anobium Punctatum)
- Prevents re-infestation of wood boring insects

**Use on:**

- Window frames
- Fences
- Roof Timbers
- Garden Furniture
- Sheds
- Internal and external use

## MICROTECH DUAL PURPOSE F/I CONCENTRATE



**Microtech Dual Purpose Concentrate** is a super Concentrated timber treatment offering a solution to a range of wood destroying issues. Containing both insecticides and fungicides.

- Killing active infestations of wood boring insects such as woodworm (Anobium Punctatum)
- Prevents re-infestation of wood boring insects
- Prevents fungal decay (wet rot and dry rot)
- Prevents blue stain

**Use on:**

- Doors
- Window frames
- Roof timbers
- Fences and garden furniture
- Sheds

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Microtech woodworm	MTECHINSC	150 gram	82.5m <sup>2</sup> - 250m <sup>2</sup>
Microtech dual	MTECHDUALC	400 gram	82.5m <sup>2</sup> - 125m <sup>2</sup>

# **BASEMENT WATERPROOFING COURSES**

**DATES AVAILABLE  
THROUGHOUT THE YEAR**

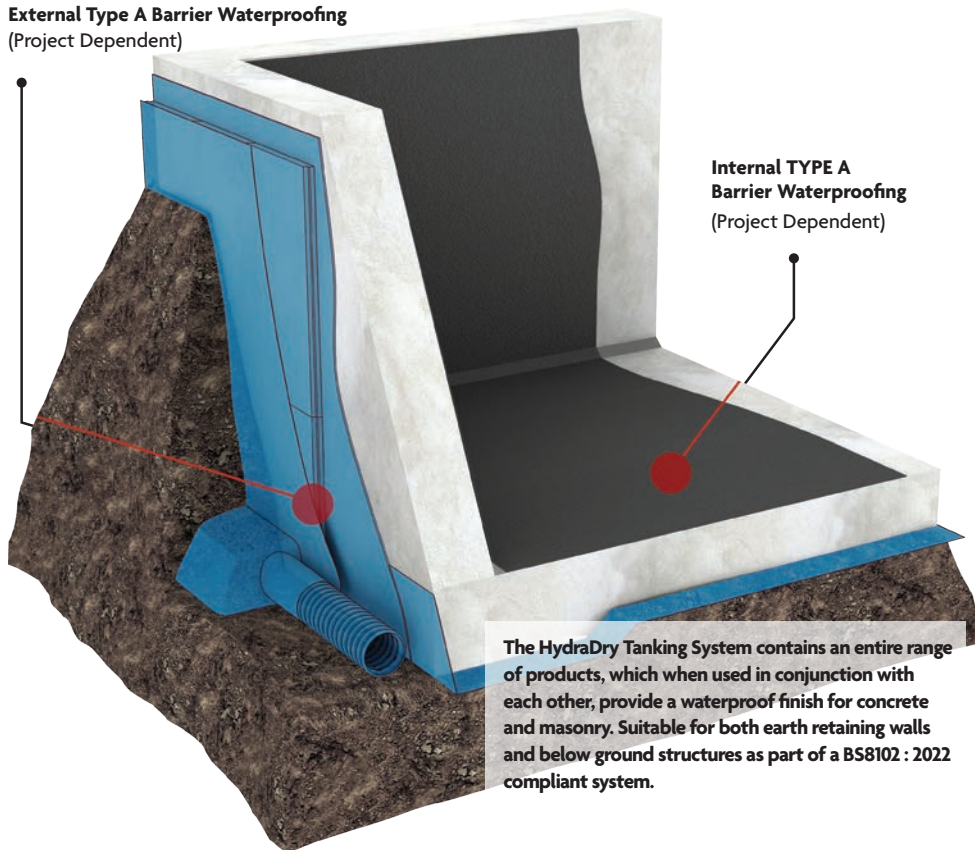
**PLEASE ASK IN BRANCH  
FOR MORE DETAILS**



# HYDRADRY

## TANKING SYSTEM

**External Type A Barrier Waterproofing**  
(Project Dependent)



**Internal TYPE A  
Barrier Waterproofing**  
(Project Dependent)

The HydraDry Tanking System contains an entire range of products, which when used in conjunction with each other, provide a waterproof finish for concrete and masonry. Suitable for both earth retaining walls and below ground structures as part of a BS8102 : 2022 compliant system.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
HydraDry Waterstop, Grey	NMDWATERSTOP	5 Kg	Please refer to data sheet
HydraDry Universal Mortar and Fillet Seal	UNIMORT	25 Kg	1.4m <sup>2</sup> at 10mm thickness
HydraDry Tanking Slurry Bag in Bucket, Grey	HYDRABUCK20	20 Kg	up to 7m <sup>2</sup>
HydraDry Tanking Slurry Bag, Grey	HYDRA20	20 Kg	up to 7m <sup>2</sup>
Hydraflex	HYDRAFLEX20	20 Kg	up to 6m <sup>2</sup>

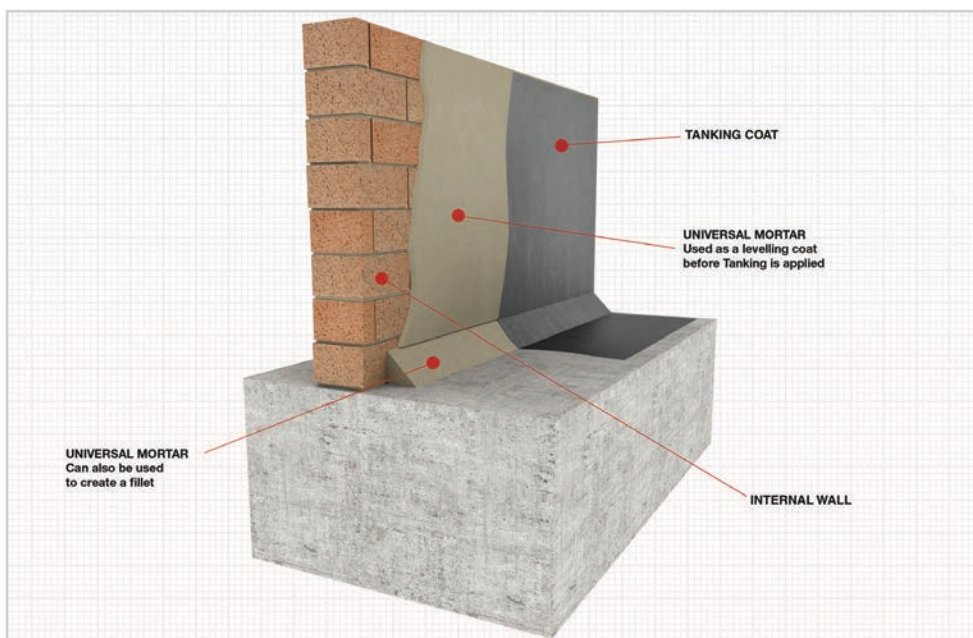
For in depth technical advice speak to your Area Technical Manager. Ask in branch for their contact information or call the Wykamol Group Head Office on 01282 473 100 or the Triton Head Office on 01322 318 830.

## HYDRADRY TANKING SLURRY



HydraDry Tanking Slurry is a cementitious waterproofing system. Containing crystalline technology, it is designed to form a permanent waterproof coating to concrete and masonry in basements, cellars, foundations, swimming pools, renders, brickwork and many other applications.

- Superior bond strength - BBA approved.
- Certified radon barrier.
- Permanent waterproofing for concrete and masonry.
- Suitable for use internally and externally.
- Suitable for use above and below ground.
- Safe to use in contact with potable water.
- Easy to apply using brush, roller or spray.



# HYDRADRY TANKING SYSTEM

# HYDRAFLEX

## Premium elastomeric waterproof membrane for brickwork, concrete and stone

HydraFlex is a two-component flexible coating made of a cementitious powder and a high concentration liquid polymer.

It can be applied to mineral substrates, such as concrete and masonry, to provide a protective waterproof barrier, bridging cracks in the substrate so the coating remains watertight.

Once cured, HydraFlex's superior crack-bridging ability and thixotropic properties are effective down to  $-5^{\circ}\text{C}$ . HydraFlex is a suitable solution for areas at risk of movement, both internally and externally.

### ADVANTAGES

- Permanent waterproofing for concrete and masonry.
- Superior crack-bridging capability, even at sub-zero temperatures, making it ideal for high-risk areas.
- Resists both positive and negative water pressure.
- Recommended for both internal and external use.
- Bag and bottle system ensures accurate and simple mixing.

### TYPICAL USES

Waterproofing of areas subject to vibration or minor substrate movement that are constructed of concrete, brickwork or stone.

#### These areas include:

- Basements, cellars, foundations, lift pits.
- Water tanks.
- Construction joints, wall-floor junctions, etc.
- Podium decks, balconies/terraces, flat roofs.

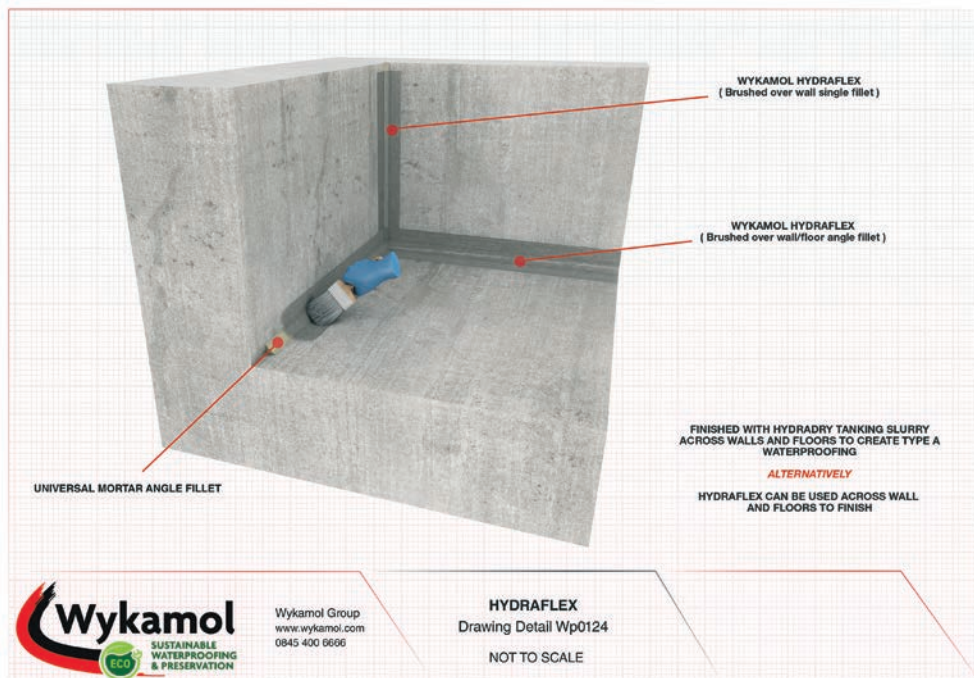
### ADVANTAGES

- Versatile product which can be used in a variety of areas.
- Excellent adhesion to well-prepared mineral substrates, even when damp.
- Exceptional workability, providing easy application on vertical and overhead surfaces.



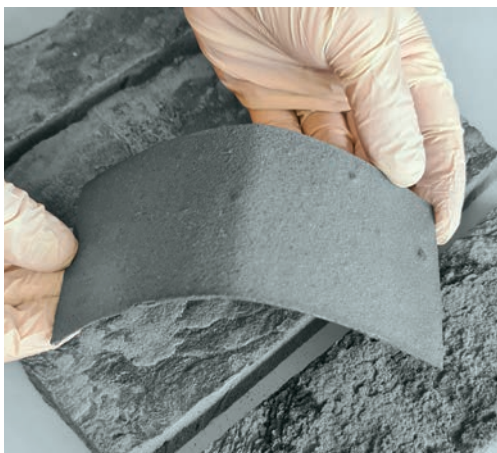


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### CONDITIONS & LIMITATIONS

- Substrate and ambient temperature must be over 5°C at time of application and for the following 24 hours.
- Avoid application in direct sunlight to prevent rapid drying out.
- Aquatic environments should be finished with Technoseal DPM.
- Not tested for use in swimming pools or in contact with potable water.
- If product is used in an external environment it should be covered and protected from UV rays after 72 hours, not left as the final finish.
- Gypsum plaster must not be used in direct contact with HydraFlex.



# HYDRADRY

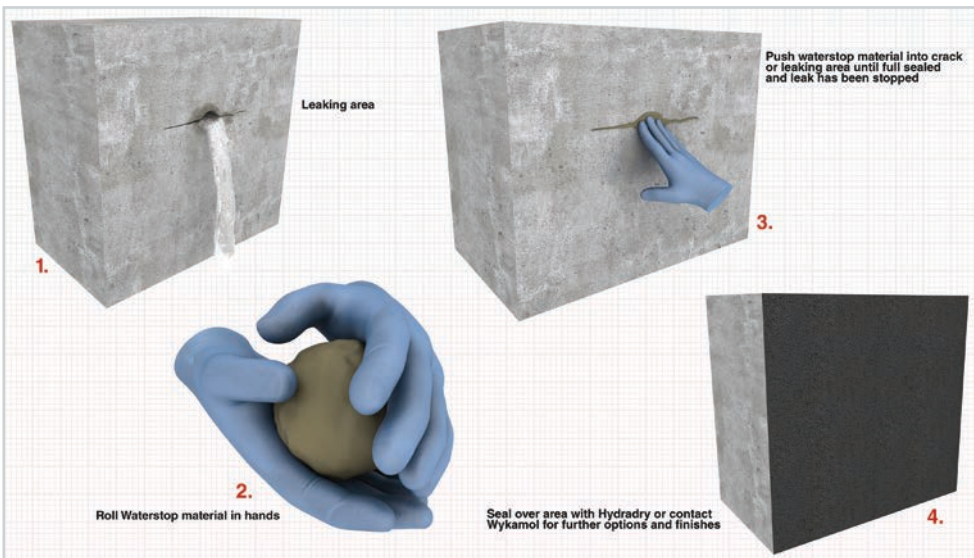
## TANKING SYSTEM

### HYDRADRY WATERSTOP



HydraDry WaterStop is a fast setting, expanding and plugging repair mortar. When mixed with clean water and applied correctly it is formulated for the rapid patching and plugging of active water leaks and seepage in concrete and masonry. In a cured form WaterStop displays similar properties to concrete and is designed to expand as it sets to ensure a permanent water tight seal.

- Instantly stops leaks in concrete and masonry
- Provides a permanent watertight seal
- Fast setting and rapid curing
- Superior bond strength to concrete and masonry
- Resists positive and negative water pressure
- Suitable for internal and external use
- Safe to use in contact with potable water
- Suitable for use above and below ground



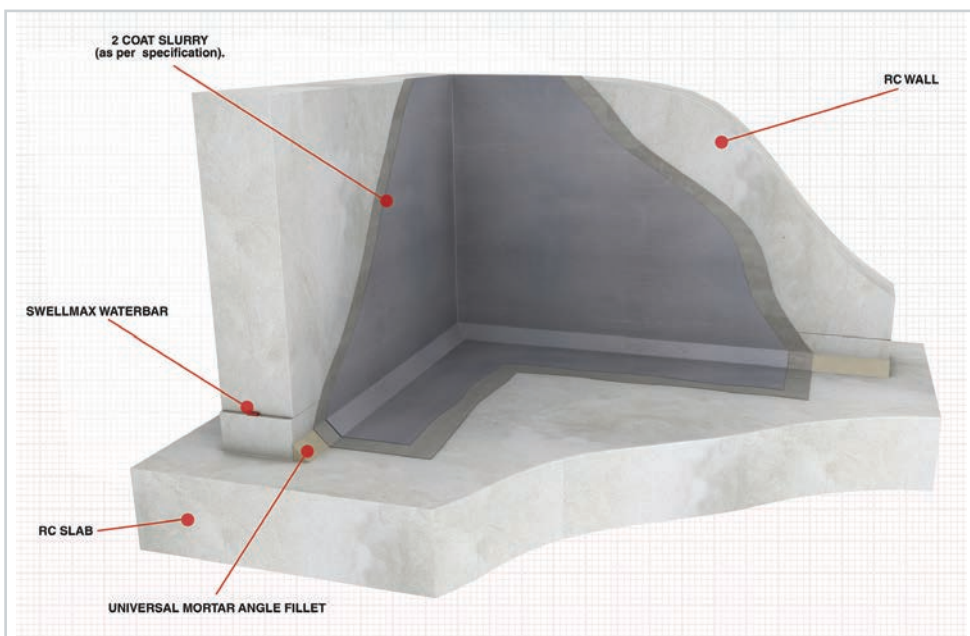
For in depth technical advice speak to your Area Technical Manager. Ask in branch for their contact information or call the Wykamol Group Head Office on 01282 473 100 or the Triton Head Office on 01322 318 830.

## HYDRADRY UNIVERSAL MORTAR



**HydraDry Universal Mortar is a fibre reinforced, cementitious mortar which can be used for waterproofing, levelling and profiling and as a fillet at wall to floor and wall to wall junctions. JUST ADD WATER!**

- Wide range of applications from a single product.
- An integral part of the HydraDry Tanking Slurry Waterproofing System.
- High bond strength which ensures monolithic performance.
- Fibre reinforced to give improved tensile and impact strength.
- Suitable for horizontal, vertical and overhead applications.
- Factory batched to provide a more consistent quality than 3:1 sand:cement mix.





# WALL TIES AND CAVITY

## WALL FAILURE

### CAVITY WALL TIES

**Buildings constructed primarily out of masonry are susceptible to varying types of movement which will result in structural defects.**

For the typical structural issues that arise in properties across the UK, Wykamol's remedial structural repairs range offers a solution for every problem.

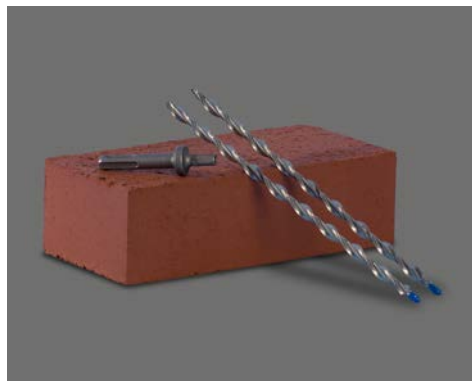
Retrofit of cavity wall ties, resin crack sealing and remedial crack stitching are just 3 issues which can be rectified by the easy-to-use kits.



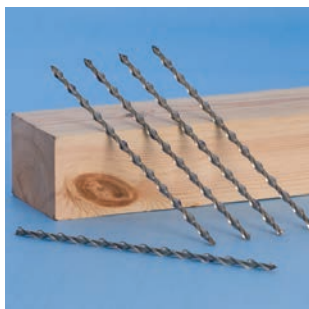
- Easy installation.
- Minimal disruption to the facade or any cavity insulation present.
- Easy to install using a setting tool in a hammer drill (CD wall tie fixing tool).
- Can be fixed in place with grout or resin.
- Robust and corrosion free.
- Proven through independent testing for over 25 years.
- Not affected by combustion, fire or extreme temperature.

Wall ties are an essential element for the stability of a cavity wall structure, tying the weather protecting masonry facade to the main body of the building. Sometimes, cavity wall ties are omitted or the wall ties used are made from inappropriate material and quickly become corroded. In these cases, a retrofit Cavity Wall Ties System must be installed.

Cavity Wall Ties are a helical shaped, remedial wall tie which is driven into the pilot hole and can be installed into any type of masonry. Where the quality of the masonry is suspect, resin or grout can be pumped into the drilled hole to secure the wall tie in place.



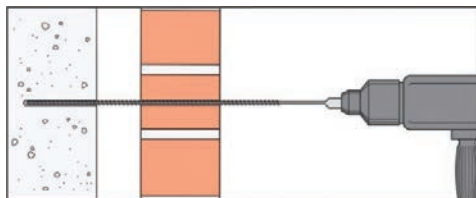
PRODUCT DESCRIPTION	CODE	PACK SIZE
Remedial 180 mm Wall Tie (0 - 20 mm Cavity)	CDT-180-50	50
Remedial 205 mm Wall Tie (25 - 45 mm Cavity)	CDT-205-50	50
Remedial 230 mm Wall Tie (50 - 70 mm Cavity)	CDT-230-50	50
Remedial 255 mm Wall Tie (75 - 95 mm Cavity)	CDT-255-50	50
Remedial 280 mm Wall Tie (100 - 120 mm Cavity)	CDT-280-50	50
Remedial 305 mm Wall Tie (125 - 145 mm Cavity)	CDT-305-50	50
CD Wall Tie Fixing Tool	CDT-DRIVER	1
Epoxy Acrylate Resin	THEA380	380 ml
Single Tube Resin Gun	THRGST	1
Thor Grout Gun	THCS/GK	1





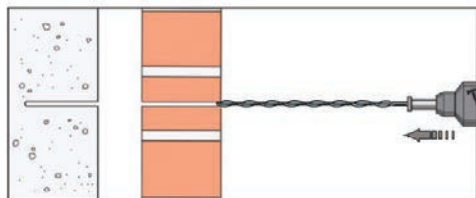
# WALL TIES AND CAVITY WALL FAILURE

## HOW DO I INSTALL WALL TIES?



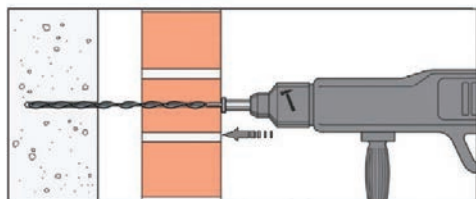
1

Drill a pilot hole of appropriate diameter, using a light percussive hammer drill. Stop the drill rotation prior to drilling the remote wall layer, to prevent 'whipping'.



2

Insert a 9 mm Thor Helical wall tie into the SDS support tool and DRIVE the tie into the masonry using a lightweight rotary hammer drill.



3

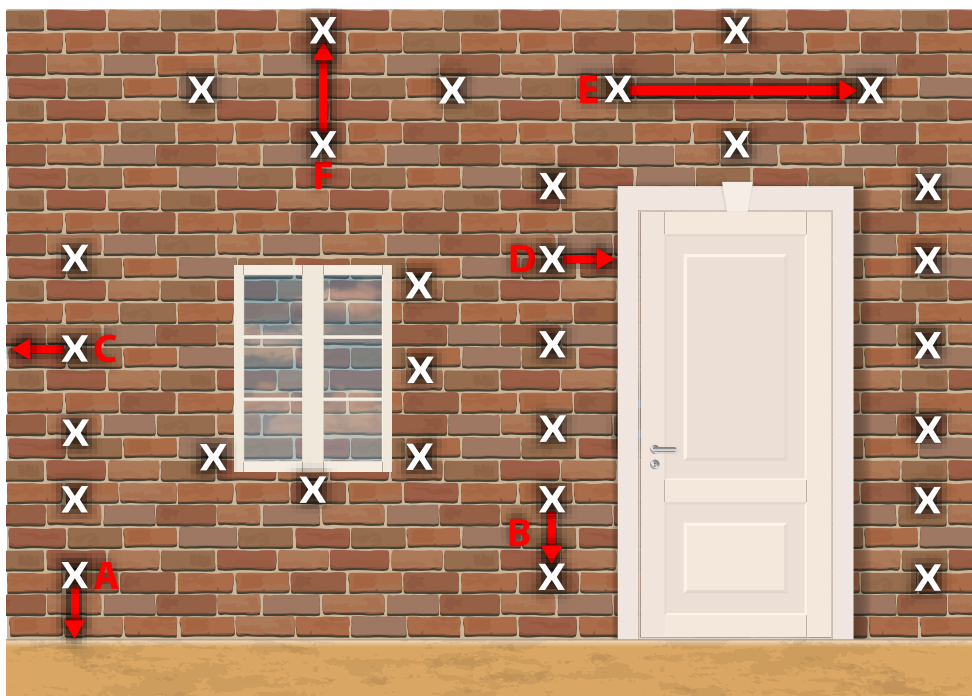
Once the tool recesses the tie beneath the wall face, finish by disguising the entry bore with a suitable filler, compacted around the tie's driving shank portion.



Scan to  
watch our  
installation  
video



## WHERE DO I PLACE THE WALL TIES?



### X Remedial Wall Tie Position

**BRE recommended drilling pattern for 50 - 300 mm cavity width and both leaves more than 90 mm thick:**

- A. Maximum 225mm above DPC/ground level.
- B. Vertical maximum 300mm around openings.

- C. 225 mm from corners.
- D. Minimum 450mm from internal corner brickwork return.
- E. 900mm apart horizontally in a diamond pattern.
- F. 450mm apart vertically in a diamond pattern.

Width of Cavity	Recommended Length of Wall Tie
25 - 50mm	205 mm
60 - 85mm	230 mm
85 - 110mm	255 mm

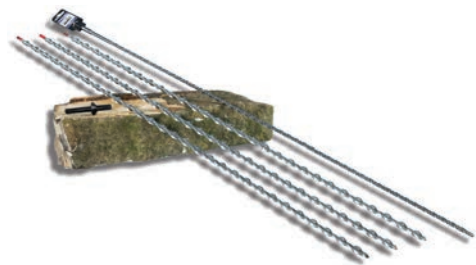
# WALL TIES AND CAVITY WALL FAILURE

## 12mm DRIVE PINS

The long-series 12mm diameter structural ties have twice the mass of any other self-tapping helical wall ties of similar design or function. They corkscrew into brick, block, limestone and concrete, when driven into an undersized pilot bore, to offer outstanding resistance to axial and shear loads.

Manufactured from marine grade stainless steel (AISI 316) and with a cross sectional area of 29mm<sup>2</sup>, the structural ties are ideal for tying solid façade walls at wall junctions, such as corners and party walls without the need for bonding agents.

Simply drill the pilot holes at 450mm centres and drive ties in. The material cost of this 12mm dry-pinning system is similar to that of using traditional 8mm helical bars with a proprietary cement grout and much faster to install, offering substantial savings in labour, less disturbance and improved cleanliness.



PRODUCT DESCRIPTION	CODE
CDT TIE 12 x 610 mm (10 pack)	CDT-12-610
CDT TIE 12 x 760 mm (10 pack)	CDT-12-760
CDT TIE 12 x 910 mm (10 pack)	CDT-12-910
CDT Drive Pin Setting Tool (single)	CDT-12-DRIVER



# LATERAL RESTRAINTS

For tying brickwork to side grain timber floor members. Requires SDS LRT install key and resin to bond to brickwork.

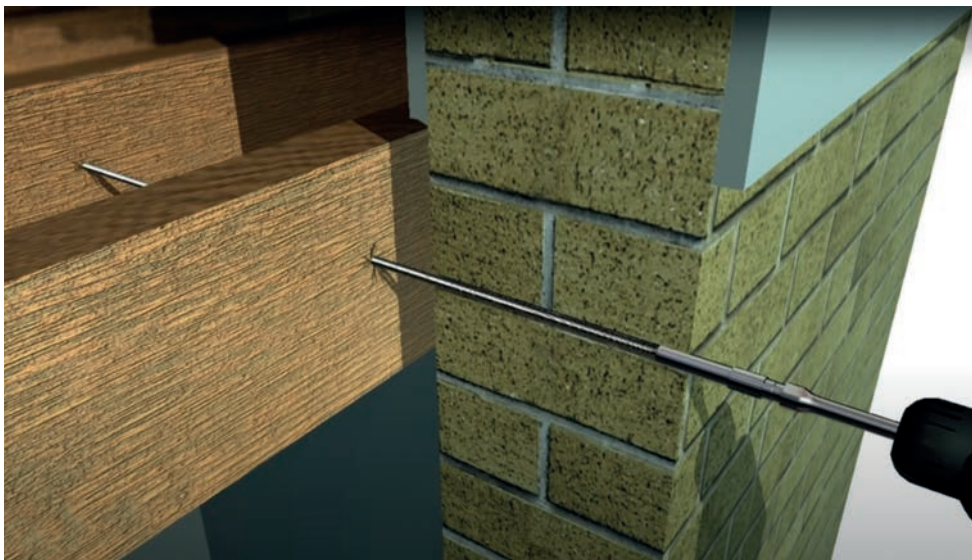
Available in four sizes all 8mm diameter and 1000mm, 1200mm, 1500mm and 2000mm lengths.

## LATERAL RESTRAINTS SETTING TOOL

SDS setting tool for driving Lateral Restraint Ties into the side of parallel floor joists, countersinking the remedial tie beneath the surface of the wall. Screws onto tie bar and sits in SDS drill. Driven into joists with hammer action disengaged.



PRODUCT DESCRIPTION	CODE
Lateral Restraint 8 x 10 mm (single)	THLRT10
Lateral Restraint 8 x 12 mm (single)	THLRT12
Lateral Restraint 8 x 15 mm (single)	THLRT15
Lateral Restraint 8 x 20 mm (single)	THLRT20
Lateral Restraint Setting Tool (single)	THLRTK



# HOW TO USE CRACK STITCHING BARS

## CRACK STITCHING KIT

**Crack Stitching Kit** with everything needed to improve the structural performance of cracked brickwork and stone walls. High tensile crack stitching bars are bonded into slots made in masonry to stitch across cracks in walls. Tensile forces are redistributed along the full 1m length of the 6mm diameter stainless steel reinforcement bars to stabilise and strengthen the wall. Crack stitching walls is a cost effective remedy for repairing cracked brickwork and masonry.



### KIT INCLUDES:

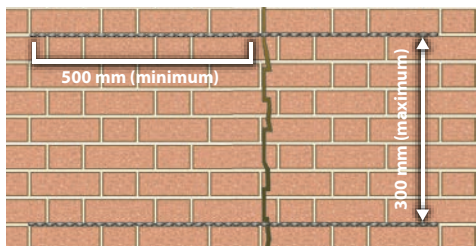
- 10 x 1 m Thor Helical Crack Stitching Bars in grade 304 Stainless Steel
- 1 x 10 Kg tub containing 2 x 5 Kg of W60 Flexi Grout (yield = 3 L)
- 1 x Grout-Master applicator with hi-flo nozzle
- 1 x mixer paddle and 1 x finger trowel

PRODUCT DESCRIPTION	CODE	PACK SIZE
Thor Helical Crack Stitching Kit	THCRACKPAC	KIT
Crack Stitching Bar 6mm x 1000mm	THBM6X1000F	1
Crack Stitching Bar 8mm x 1000mm	THBM8X1000F	1
Crack Stitching Bar 9mm x 1000mm	THBM9X1000F	1
Grout-Master Applicator with Hi-Flo Nozzle (yellow)	WHOGM	1
W60 Flexi Grout, 2 x 5Kg in a Bucket	THW60	10Kg/ 3L Yield





## HOW TO PLACE CRACK STITCHING BARS?



MASONRY	DEPTH OF SLOT	DEPTH OF GROUT	ROD
102mm	30mm	20mm	20mm
215mm	45mm	30mm	30mm



1 Chase horizontal slots at 300mm intervals that extend 500mm on each side of the crack.



2 Clear loose debris from slots and flush thoroughly with water and insert bead of WHO 60 grout.

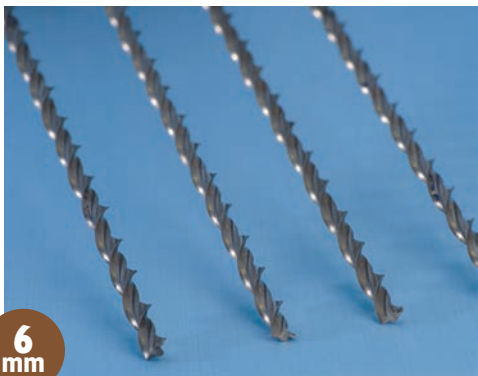


3 Push helical crack stitching bar into grout, to approximately two thirds of the slot depth. Trowel displaced grout to firmly encapsulate the bar.



4 Make good the wall chase to disguise the slot. Repair cracks between the helically reinforced masonry with Crack Sealer Plus.

# CRACK STITCHING



## CRACK STITCHING BARS - 6MM

Thor crack stitch repair bars for masonry repairs & reinforcement of cracked walls. Available in four different lengths 1000mm, 1200mm, 2000mm and 7000mm all bars are 6mm in diameter.

(THBM6X7000F are only available to Thor beaming contractors)

PRODUCT DESCRIPTION	CODE
Crack stitch bar 6 x 1000 mm (single)	THBM6X1000F
Crack stitch bar 6 x 1200 mm (single)	THBM6X1200F
Crack stitch bar 6 x 2000 mm (single)	THBM6X2000F
Crack stitch bar 6 x 7000 mm (5 pack)	THBM6X7000F



## HD CRACK STITCHING BAR - 9mm

Thor HD crack stitch repair bars for masonry repairs and reinforcement of cracked walls. Available in 9mm diameter at 1000mm in length.

**PRODUCT CODE: THBM9X1000F**

PRODUCT DESCRIPTION	CODE
Crack stitch bar 9 x 1000 mm (single)	THBM9X1000F



# CRACK SEALER PLUS



**Crack Sealer Plus** is a 2 part epoxy adhesive specifically formulated for repairing fine cracks in brick, block, stone, concrete and masonry.

- Can be painted over once cured
- Provides a waterproof seal.
- Quick and easy to use.
- Suitable for bricks, blocks, render and concrete.
- Fills cracks from 2 mm - 12 mm wide without injection ports.
- Flexible 2 mm and 4 mm injection nozzles for ultra-fine cracks.
- Gels rapidly and cures within 12 hours.

## KIT INCLUDES:

- 1 x Crack Sealer Base
- 1 x Crack Sealer Hardener
- 1 x Plunger plate
- 1 x Piston
- 1 x 400 cc Cartridge
- 1 x Nozzle set



PRODUCT DESCRIPTION	CODE	PACK SIZE
Crack Sealer Kit for Brick	CRACKRED	300ml
Crack Sealer Kit for Renders	CRACKGREY	300ml

# GUNS, RESINS & GROUTS



## THOR W60 FLEXI GROUT GUN

Multi purpose pointing and grout gun, easily cleaned for use with Thor W60 grout or cement based pointing products.

Also available as part of the Thor Helical Crack Stitching Kit.



## THOR GROUT GUN

Thor crack stitching gun for all Thor masonry reinforcement applications. Large volume manual applicator for mortar or grout, 12:1 trigger ratio.

Choice of nozzles for pointing. Easily replaceable barrel and washer. Heavy-duty construction.



## THOR RESIN GUN SINGLE TUBE

Heavy duty hand operated resin gun suitable for all single tubes (polyester, epoxy acrylate) this gun is a premium model unlike cheaper options, and has a heavy-duty spring mechanism, for longer lasting use.



## THOR RESIN GUN DOUBLE TUBE

Heavy-duty double piston resin gun for use with thor epoxy resin. This gun is a premium model and has a heavy duty spring mechanism for longer lasting use.

PRODUCT DESCRIPTION	CODE
Thor W60 Flexi Grout Gun (Yellow)	WHOGM
Thor Resin Gun Single Tube (Blue)	THRGST

PRODUCT DESCRIPTION	CODE
Thor Grout Gun (Black/Orange)	THCS/GK
Thor Resin Gun Double Tube (Red)	THRGTT





### THOR W60 FLEXI GROUT 3 LITRE

A high performance masonry crack repair grout. Used to bond helical masonry reinforcement bars in wall panels for retrofit bed joint reinforcement. Consists of powder component and liquid component, which when mixed yields 3 litres of pump-able thixotropic masonry crack repair grout for bonding crack stitching components into concrete and masonry walls.



### THOR EPOXY ACRYLATE

A specially formulated Epoxy Acrylate/Vinyl Ester resin offering protection in damp holes and corrosive applications, as well as giving high loads in concrete. Easy to extrude. Short working and curing times. Ideal for close edge and spacing applications. Acrylate is grey in colour.

PRODUCT DESCRIPTION	CODE
Thor W60 Flexi Grout 3 Litre/10kg	THW60
Thor Epoxy Acrylate 380 ml & Nozzle	THEA380



### THOR POLYESTER RESIN

High performance rapid curing chemical anchoring system based on polyester resin in styrene for external use. Packed in a two-part cartridges the components are mixed in the nozzle as the resin is dispensed. Provides a strong chemical resistant and cost effective system of setting fixings into concrete, brick and masonry. Resin is grey in colour.



### THOR EPOXY RESIN

A two component pure epoxy resin system mixed through spiral mixer nozzles fitted to the cartridge. The components are colour coded for visual assurance that they are fully mixed. The product is solvent free, thixotropic, and cures in cold, damp conditions. Resin is grey in colour.

PRODUCT DESCRIPTION	CODE
Thor Polyester Resin 380 ml & Nozzle	PE380-1
Thor Epoxy Resin 400 ml & Nozzle	THER400



# WATERPROOFING SOLUTIONS

**The Wykamol Group are the only UK based manufacturers of waterproofing materials who offer to Design, Advise and Supply all your waterproofing projects. Ask in branch to contact your local Technical Expert.**

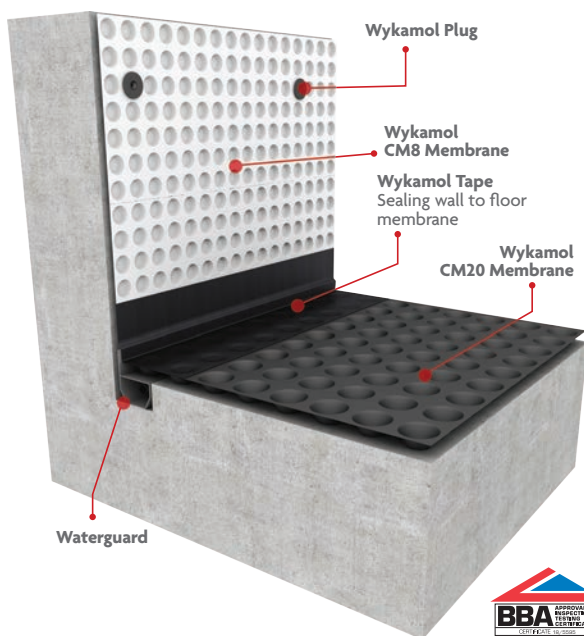
We will visit site, design your waterproofing specification, provide your local branch with a list of the products you need and deliver them directly to site. Our Structural Waterproofing specialists can aid you in obtaining a 10 Year Insurance Backed Guarantee, supply products for waterproofing systems Type A, B and C and specify at every stage of a project.

## Waterproofing Basements with Type C membranes

Wykamol are the only UK manufacturers of HDPE Cavity Drain Membranes and our extensive range offers varying stud heights, for different drainage capacities and membranes with or without mesh.

**For an exhaustive list of waterproofing products, sizes and codes please see the back of this brochure.**

- Creates a dry habitable living space in areas previously suffering from damp/wet conditions.
- Waterproof, salt inhibiting, root and contaminant resistant.
- Quick to install - minimal preparation needed to wall surfaces.
- Easily cut down using a sharp blade.
- Part of a type C cavity drain membrane system in line with BS8102:2022.
- Clear for easy application and fixing of Wykamol CM brick and CM plaster plugs.



Watch our  
Basement  
Waterproofing  
Video



# CM3 AND CM3 MESH

## CAVITY DRAIN MEMBRANE

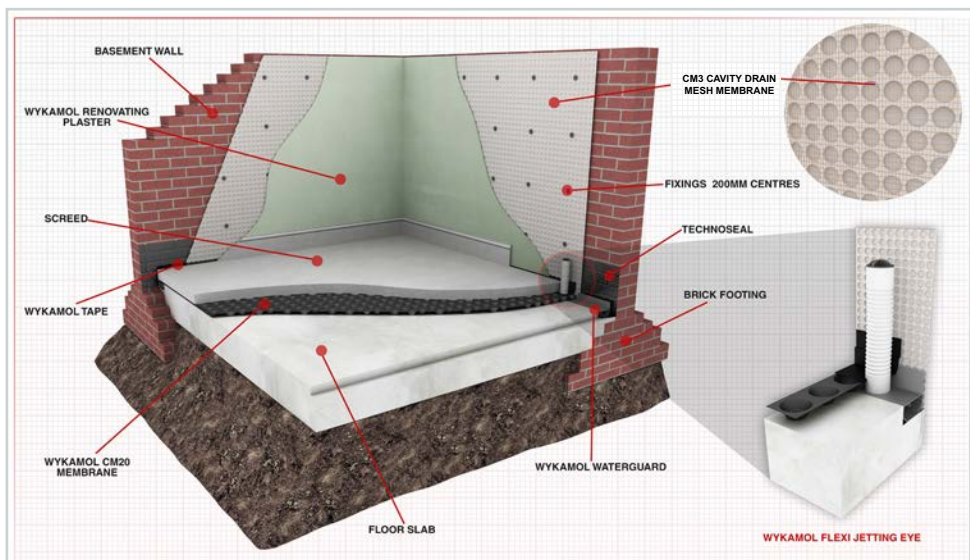
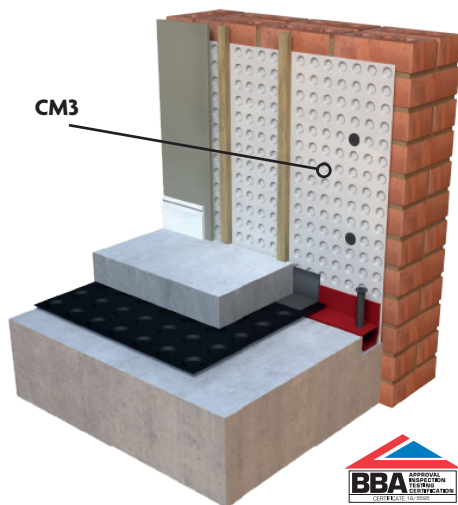
**CM3 Cavity Drain Membrane** is a 3 mm studded membrane, suitable for Type C waterproofing and damp-proofing. CM3 is also available with a mesh lathing welded to the front face, allowing the direct application of various plaster finishes, adhesive 'dabs' and plasterboards.

CM3 and CM3 Mesh are sold in a variety of sizes made from clear HDPE for easy plug placement.

**Please Note:** CM3 Mesh is also available as part of the DampStop Mesh Membrane Kit, complete with plugs and fibre tape (see page 13).

### ADVANTAGES

- CM3 provides a fast track solution to damp barriers on floors.
- Can be used as part of a Type C Cavity Drain Membrane System in line with BS8102:2022.
- Quick to install - minimal preparation needed to walls and floors.
- Easy to fold around doors and windows and easily cut down with a sharp blade.
- No drying out process - redecoration can occur immediately.
- Waterproof, salt inhibiting, root and contaminant resistant.
- Little or no damage to the existing structure.
- Creates a dry, habitable environment



# CM8 AND CM8 MESH

## CAVITY DRAIN MEMBRANE

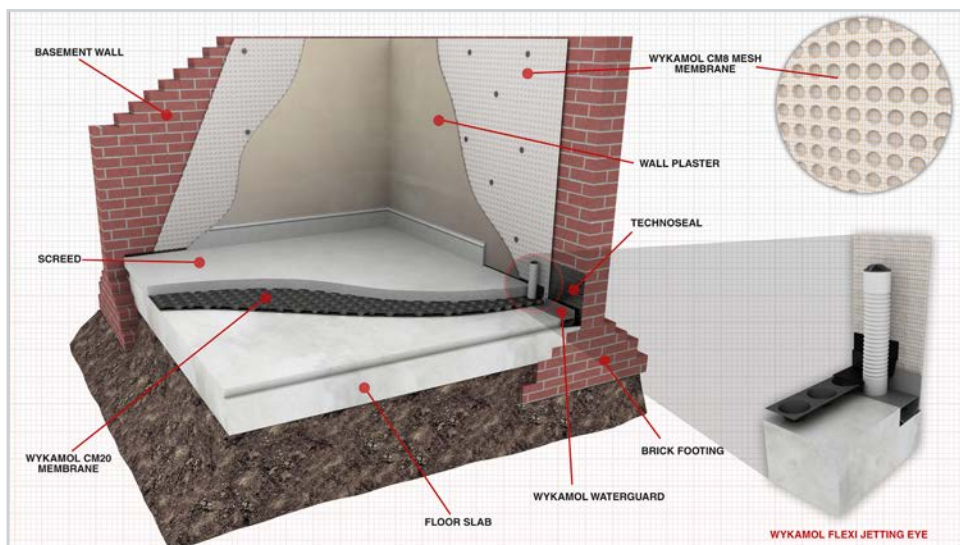
**CM8 and CM8 Mesh are 8 mm studded membranes, suitable for Type C waterproofing and delivering a grade 3 environment to BS8102:2022 and NHBC Chapter 5.4. CM8 Mesh comes with mesh lathing welded to the front face, allowing the direct application of various plaster finishes.**

CM8 and CM8 Mesh are sold in a variety of sizes made from clear HDPE for easy plug placement.

**Please Note: CM8 and CM8 Mesh are also available as part of a kit, complete with the appropriate plugs and tape (see next page).**

### ADVANTAGES

- CM8 Mesh accepts various plaster finishes, adhesive 'dabs' and plasterboards
- Creates a dry, habitable living space in areas previously suffering from damp/wet conditions.
- Waterproof, salt inhibiting, root and contaminate resistant.
- Quick to install - minimal preparation needed to wall surfaces.
- Easily cut down using a sharp blade.
- No drying out process - redecoration can occur immediately.
- Little or no damage to the existing structure.
- Low and high temperature tolerance.



# MEMBRANE KITS

## CAVITY DRAIN MEMBRANE

### BASELINE 8 MEMBRANE KIT



CM8 Membrane Kit is a studded damp proofing and waterproofing membrane which is applied, studs facing the wall, using the fixing plugs and tape provided.

#### KIT INCLUDES:

2m x 20m (40m<sup>2</sup>) CM8 Membrane with 8mm Studs. 200 Fixing plugs with Seals and Tape



- Can be used below ground as part of a waterproofing system, or above ground to prevent penetrating damp.
- Ideal for walls where a chemical DPC is not possible e.g. rubble filled walls.
- Ideal for battened dry wall systems
- Creates a warmer wall to help prevent condensation and black mould.
- Resistant to harmful salts.
- Full wall protection against penetrating and rising damp.

### DRY MESH MEMBRANE KIT



Dry Mesh Membrane Kit is a studded damp proofing membrane which is applied, studs facing the wall, using the plugs and tape provided.

#### KIT INCLUDES:

2m x 10m (20m<sup>2</sup>) CM8 Membrane with 8mm Studs. 200 Fixing plugs with Seals and Tape



- Resistant to harmful salts.
- Creates a warmer wall to help prevent condensation and black mould.
- Can be used below ground as part of a waterproofing system.
- Full wall protection against penetrating and rising damp.
- Accepts direct render finish and dot and dab plaster board.
- Ideal for walls where a chemical DPC is not possible e.g. rubble filled walls.

PRODUCT DESCRIPTION	CODE	PACK SIZE	TYPICAL COVERAGE
Baseline 8 Membrane Kit, Clear	K8KITM2X20	KIT	40m <sup>2</sup>
Dry Mesh Membrane Kit, Clear	KMESHKITM2X10	KIT	20m <sup>2</sup>



# CM8 HD700

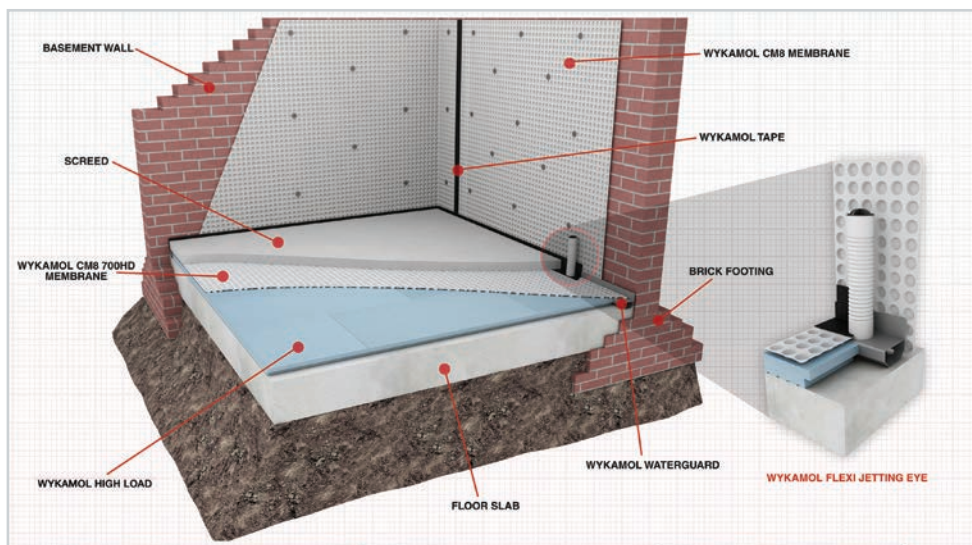
## CAVITY DRAIN MEMBRANE

**CM8 HD700 Cavity Drain Membrane is a higher definition version of the CM8 Cavity Drain Membrane. Unlike the original CM8, this HD product is certified as a radon barrier and is ideal for when higher impact resistance is required, such as in high traffic commercial areas.**

We recommend using the CM8 HD700 when a heavier, denser membrane is deemed necessary or when a radon barrier is required by the Wykamol Technical Department. Please always take advice from our Technical Experts when making product selections.

### ADVANTAGES

- Ideal for use with Wykamol High Load Thermal Spacer.
- Certified radon barrier.
- Heavier duty impact resistance and high loadings on floors
- Creates a dry, habitable living space in areas previously suffering from damp/wet conditions.
- Waterproof, salt inhibiting, root and contaminate resistant.
- Quick to install - minimal preparation needed to wall surfaces.
- Easily cut down using a sharp blade.
- No drying out process - redecoration can occur immediately.
- Low and high temperature tolerance.





# CM20

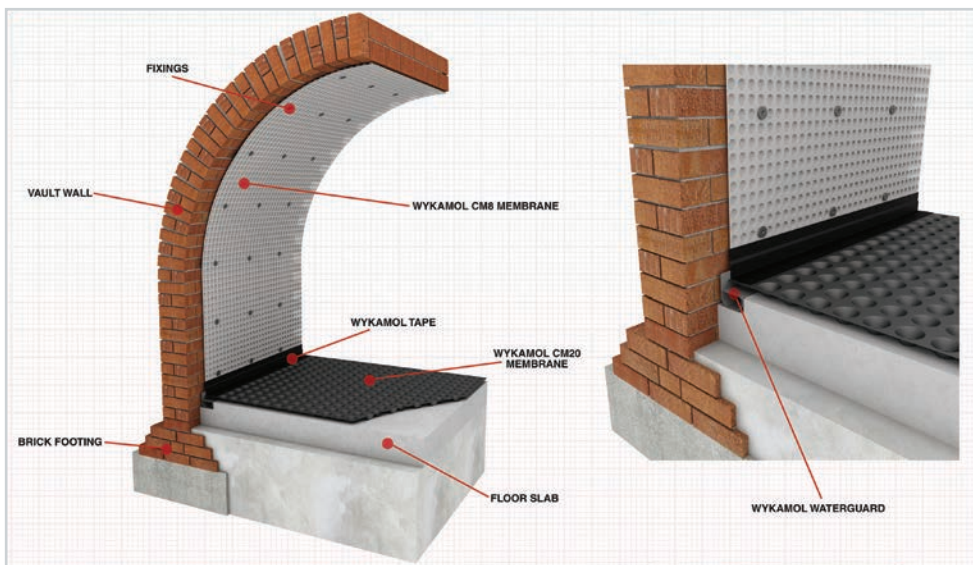
## CAVITY DRAIN MEMBRANE

The CM20 Cavity Drain Membrane is a 20mm studded membrane, suitable for Type C waterproofing and delivering a grade 3 environment to BS8102:2022 and NHBC Chapter 5.4.

CM20 is the highest drainage capacity membrane in the Wykamol Waterproofing range.

### ADVANTAGES

- Certified as a radon barrier.
- Gives a high water void volume of 14 litres/m<sup>2</sup>.
- Quick to install - easy to roll out along floors.
- Creates a dry, habitable living space in areas previously suffering from damp or wet conditions.
- Easily cut down using a sharp blade.
- Waterproof, salt inhibiting, root and contaminate resistant.
- Little or no damage to the existing structure.
- Low and high temperature tolerance.
- High grade material.
- Available in rolls of 2m x 20m and 2m x 10m\*  
(\*only 20 kg in weight)

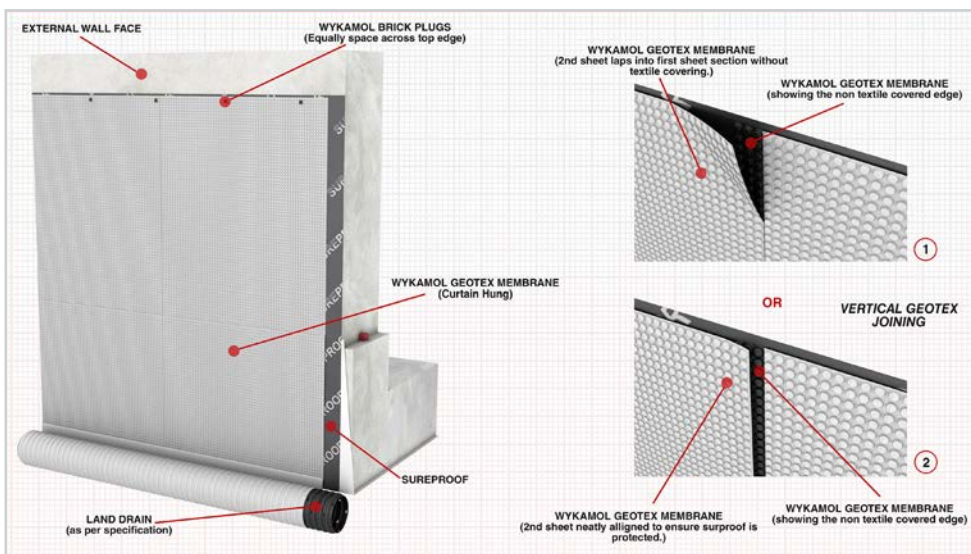


# CM8 AND CM20 GEOTEXTILE CAVITY DRAIN MEMBRANE

The dual layers comprise of the Wykamol 8mm or 20 mm studded HDPE membrane and a non-woven geotextile manufactured from UV stabilised, high tenacity, virgin polypropylene fibres that have been mechanically entangled to provide high strength.

High extensibility, high loft and excellent abrasion characteristics. The geotextiles are also thermally treated to reduce thickness while maintaining excellent mechanical properties.

- Suitable for use with all construction types.
- Drains off water before reaching the waterproof coating.
- Combined drainage and protection board.
- Easy handling and rapid installation.
- Rugged, durable construction with thermal insulation benefits.
- Filtration layers prevents silting-up.
- High compressive strength and drainage capacity.
- Allows back-filling with excavated earth.
- Withstands stress and movement in the background.



# WYKAMOL HIGH LOAD THERMAL SPACER

**Wykamol HIGH LOAD thermal spacer has been specifically developed to assist in the installation of internal waterproofing systems for basement structures and allowing an added layer of insulation.**

This high compressive strength material (500KPa) has a very impressive long-term compressive creep property of 225KN/m<sup>2</sup>, meaning that even after 50 years the material will only compress by 2% if it is loaded at 225KN/m<sup>2</sup>.

## ADVANTAGES

- Wykamol High Load thermal spacer can also be used as a protection board for Wykamol external type A waterproofing systems. Applied externally, the board offers protection, insulation and drainage.
- Wykamol High Load thermal space boards have been developed to be installed above the concrete basement floor slab and under the floor screed. The boards are 50mm thick so can be installed to create an insulated drainage layer that finishes flush with the internal perimeter drainage gulley.
- The boards are grooved on one surface, 6mm x 6mm at 25mm spacing, to assist with drainage.
- The edges of the boards have a shiplap profile to minimise the risk of screed passing through any gaps between the boards.



Thickness (mm)	Nominal Area (mm)	Effective Area (mm)	Edge Treatment	
50	1200 x 600	1185 x 585	15mm Shiplap Edge	
Property		Standard	Unit	Value
Compressive Stress at 10% deformation		EN826	KN/M <sup>2</sup>	500
Compressive creep (50 years @ 2% deformation)		EN12087	KN/M <sup>2</sup>	225
Design Thermal Conductivity		EN10456	W/mK	0.034
Long term Water absorption by total immersion		EN12091	%VOL	<1
Coefficient of Thermal Expansion		-	mm/mK	0.07
Maximum Working Temperature		-	°C	75
Reaction to Fire		EN 13501-1	Euroclass	E

# PLUGS

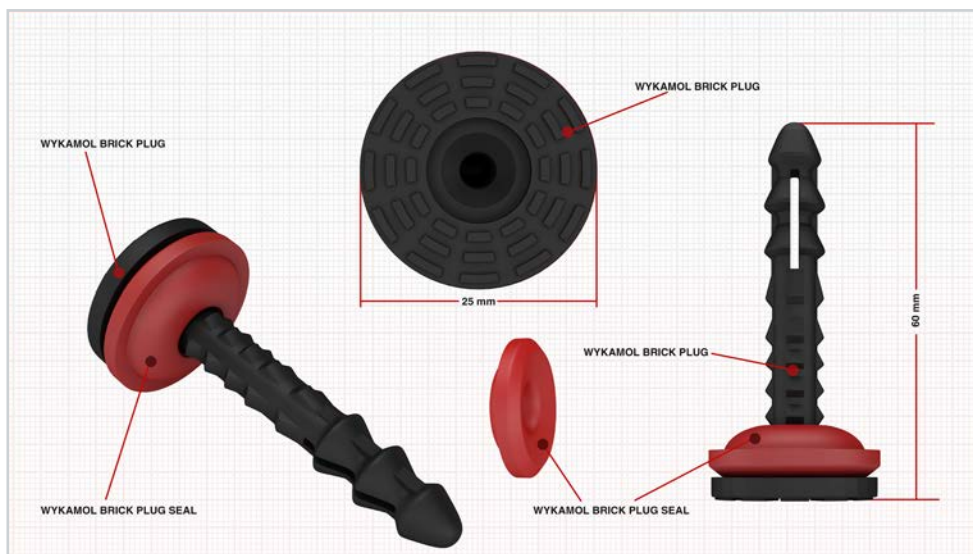
## MEMBRANE SEALING ANCILLARIES

**Wykamol CM Plaster Plugs and CM Brick plugs are of a high quality and can be used in a range of applications and on multiple substrate types.**

The tailor made thermoplastic elastomer seal ensures application of the membrane is water tight. If a normal fixing cannot be used then our COB plugs are ideal.

### ADVANTAGES

- A reinforced head to prevent damage when knocking in the plug.
- 60 mm in length - suitable for both single skin and cavity walls.
- Provides a waterproof seal when used with seals provided (available with or without seals).
- Tailor made seal specific to each plug.
- Large serrated heads (35mm brick plug or 50mm plaster plugs) provides optimum surface area and adhesion to finishes.
- Works in conjunction with the wykamol waterproofing solutions CM membrane system





## CM Plaster Plugs with seals

CM Plaster Plugs are designed to be used with the CM Mesh Membrane System. They are available in 60mm lengths, a preformed seal already attached and a 50 mm serrated head which can take plaster or dot and dab. They can also be used to secure membranes to walls in systems where a free standing frame is to be used.

**Code: CMPLASTERSEAL100 (100 per pack)**



## CM Plaster Plugs without seals

CM Plaster Plugs are designed to be used with the CM Mesh Membrane System. They are available in 60mm lengths with a serrated head which can take plaster or dot and dab. They can also be used to secure membranes to walls in systems where a free standing frame is to be used.

**Code: CMPLASTERPLUG100 (100 per pack)**



## CM Brick Plugs with seals

CM Brick plugs are fixings designed to be used with the CM Membrane System. With a preformed seal already attached and a reinforced 35 mm head for easy use, these plugs take a size 10 screw into the head, for battens or metal framing systems. At 60mm long, these plugs will fit into all substrates.

**Code: CMBRICKSEAL100 (100 per pack)**



## CM Brick Plugs without seals

CM Brick plugs are fixings designed to be used with the CM Membrane System. With a reinforced 35 mm head for easy use these plugs take a size 10 screw into the head, for battens or metal framing systems. At 60mm long, these plugs will fit into all substrates.

**Code: CMBRICKPLUG100 (100 per pack)**



## COB Plugs

Wykamol COB plugs are ideal to use where substrates will not take a normal fixing. They are ideal for cob construction as well as all other masonry types. Available sizes are 70, 90, 110 and 130mm long.

**Codes: COB70(250), COB90(250) COB110(250), COB130(250)**  
(250 per pack)

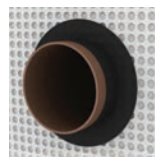




# TAPES

## MEMBRANE SEALING ANCILLARIES

Good adhesion to a wide range of substrates. Good UV resistance, the softer composition makes this product highly conformable. Easy and accurate to use with little waste & no mess. High tack, remains flexible throughout its service life.



### INSTRUCTIONS

**Surface preparation:** All surfaces should be clean, dry and free from frost, grease and loose materials. When cleaning contaminated substrates, Wykamol recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the sealant strip.

**Application:** Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer other surface to the sealant and push firmly to seal across the joint.

### Wykamol Tape

Wykamol Tape is a high quality, butyl, double sided tape, used to attach 2 sheets of membrane together on walls or floors. The high grade HP600 bitumen makes this a long term solution for all membrane applications and is covered by our **BBA Certificate**. 28 mm x 22.5 m.

**Code: WYKTAPE**



## Wykamol Rope

A 10mm bead of butyl rope in rolls of 5 m long. This rope is used to either wrap around the head of plugs in membrane installation, or to form a jointing waterproof seal on walls and floor membrane systems. This is a high quality rope and is covered by our **BBA Certificate**.

**Code: WYKROPE**



## Wykamol Corner

**Sold in boxes of 2 x 20m rolls.** Our biggest selling tape, this 150mm wide tape has many uses, but is mostly used to seal membranes from walls to floors and the channel system. Tacky on one side only, this can also be used to over-tape external joints or for floor over-sealing and is covered by our **BBA Certificate**.

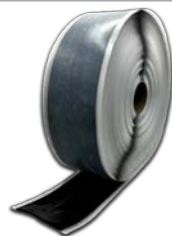
**Code: WYKCSTRIP20(2)**



## Wykamol Overseal

This is a 75mm overseal tape used to overseal membrane systems in rolls of 22.5 m. It can be used on walls and floors and forms an overseal detail to form a vapour barrier and waterproof seal on external taped joints. Covered by our **BBA Certificate**.

**Code: WYKOVER**



## Wykamol Fibre Tape

Wykamol Fibre Tape comes in rolls of 25 m and is used to join plaster membranes together. The unique fibre backing allows for direct plaster or dot-and-dab situations. The fibre also stops any cracking of plaster on these joints. Covered by our **BBA Certificate**.

**Code: WYKFIBRE**



## Wykamol Gas Tape

This 115mm wide tape is used to joint our Quadproof Membranes and form a waterproof and gas seal within the system. 50 mm x 40 m rolls.

**Code: WYKGASTAPE50**

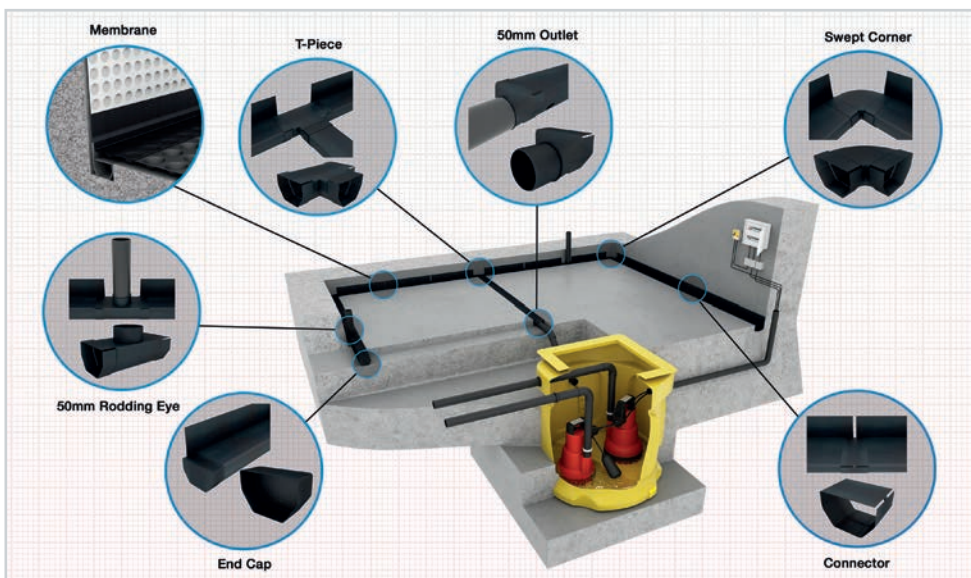


# DRAINAGE SYSTEMS

## PERIMETER CHANNEL SOLUTIONS

**As part of the Wykamol cavity drain membrane system, channels are a crucial part of the overall system, and are laid at wall floor junctions to remove any water entering the structure.**

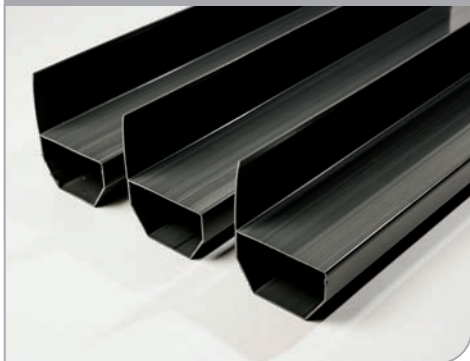
These channels are designed with pre-determined water entry points into the rear of the channel. They either come with a flange up-stand system or flangeless depending on the type of foundation that you will be working with. Channels come with various accessories to aid the system, some of which are covered on the following pages. Speak to the Wykamol Technical Team for a bespoke drainage design.



## Waterguard

Wykamol Waterguard is a PVC drainage conduit designed for the control of water ingress in below ground situations. Wykamol Waterguard is fitted around the perimeter of the floor at the vulnerable wall/floor junction.

**Code: WGCHANNEL**



## Floor Drain

Wykamol Floor Drain is a PVC conduit designed for the control of water ingress in below ground situations. Wykamol floor drain can be fitted around the perimeter and also as cross-floor drainage as part of a managed water removal system.

**Code: FDCHANNEL**



## Universal Channel

A newly designed channel outlet to remove water from the channel to the sump. This has the benefit of a 100mm outlet for high water movement and for easier installation into the sump chamber.

It also comes with a jetting eye which can be cut down to suit floor finishes. Can be used with Floor Drain and Waterguard channels.

**Code: UCO**



## 50mm Outlet

Wykamol 50mm outlet is a multi purpose outlet to take water from the waterguard or floor drain systems into a sump chamber or through a wall on a sloping site to a gully. New snap in solution is easy to install with all channel systems.

**Code: WGOUTLET**



# DRAINAGE SYSTEMS

## PERIMETER CHANNEL SOLUTIONS

### Flexi Jetting Eye

The flexible jetting eye has been designed to allow the cleaning of the channel system and also as an inspection chamber. The unique flexible up-stand jetting point can be easily bent to be used in a wall port system. It also has the benefit of allowing slabs to be laid whilst still being easily accessible afterwards.

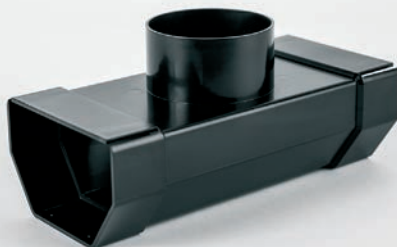
**Code: WGJETEXT**



### Jetting Eye

The jetting eye has been designed to allow cleaning and inspection of the channel system (Waterguard or Floor Drain) via a push fit interlock. Having a unique 50mm connector allows for pipework to be added to the jetting eye to access the channel system for cleaning and inspecting. It is recommended 1 jetting eye is installed every 10 to 12 metres of channels.

**Code: WGJETEYE**



### T-Piece

The new Wykamol T-piece has been designed to connect Waterguard and Floor Drain sections together. This can be used in cross floor drainage or as a connector to take water into a sump chamber via a floor drain section.

Easy unique push fit interlock application to enable a speedy installation.

No lips in the T-piece to help prevent lime build up.

**Code: WTPCE**



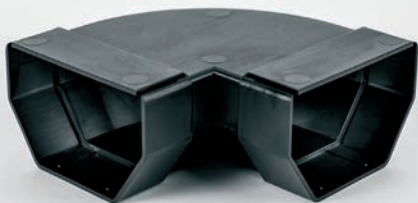


## Swept Corner

This corner piece allows a unique push fit to the Wykamol channels to create a 90 degree corner section which allows for easier cleaning and jetting of the system .

No sharp edges allowing for a seamless flow of water, preventing lime build up within the system itself.

**Code: WCCORNER**



## Jointing Section

This push fit joint section allows all channel sections to connect together to form a seamless passage for water to flow and also helps prevent lime build up. This also helps reduce movement at jointing sections.

**Code: WGCONNECTOR**



## Stop End

The new Wykamol Stop End is a cap for sealing the ends of a perimeter and central drainage channel. It simply clips on to the end of the channel. Generally used where drainage is only being installed along a single wall in a basement, therefore the channel needs to terminate.

**CODE: WGSTOPEND**



# PUMPING STATIONS AND BATTERY BACK UP SYSTEMS

**Contact our technical team to talk to us about a bespoke package for the basement you are working on, and we can help design a suitable system for your project.**

## PUMPING STATIONS

Wykamol carry a large range of pump stations to complement our range of cavity drain membranes.

Our new extended neck sump chamber is a first in the industry and can be used and cut down to suit various floor finishes.

### Unique features include:

- Multi-level drainage inlets including perimeter channel slots
- Internal shelf system for dual pumping levels
- Silt grate at the bottom of the chamber to collect any debris entering the chamber
- Unique lid configuration to make inlaid and conventional manhole cover accesses easy to install
- Bolt down points to anchor into concrete if needed
- Multi-level float bracket options for alarms and battery back-up systems



## PUMPS

We provide various options on pumps ranging from 168 litres a minute pumping capacity right up to 250 litres a minute and ranging from a 7-metre head up to 12 metres vertical pumping power.

## BATTERY BACK UP SYSTEMS

In case of mains power failure Wykamol can offer various battery back-up options to keep continual flow of power to the pump stations.

These systems are varied and can even work with telemetric options to notify your client a mains failure has occurred or even when the pump needs servicing

Our technical team can advise on the best option for your basement and client needs, rest assured whatever the basement project we can help with keeping the pump stations operable 24/7.

## ALARMS

Wykamol offer a range of battery and mains powered alarm systems such as the **AquaSafe Alarm**.

These alarms notify the clients when a service is needed on the pumps and if a high-level of water is noted within the sump chamber.

Knowledge is crucial and at Wykamol we can provide all the solutions for your basement system.



## Find product codes for pump kits at the back of this brochure...

### SumpFlo Pumps

The state of the art Sumpflo 301 and 303 are designed to give top performance and achieve high levels of efficiency thanks to optimised hydraulic systems and motors.

The pumps are fitted with a magnetic float switch with variable level control and maximum travel stop. A locking disk enables straightforward adaptation of the pump to external control systems. Supplied free standing for quick installation.

**Codes: PUMPONLY3, PUMPONLY4**



### UPS 2000

The Wykamol UPS 2000 uninterruptible power supply offers the highest levels of resilience and protection as a battery back-up to your pump system. The unit will provide power to one submersible pump in case of a loss of mains power.

- Alerts the end user if there is a mains power failure.
- Keeps the pump system powered in the event of power failure.
- Add to new or retrofitted to existing installations.

**Code: UPS2000**



### UPS 3000

The Wykamol UPS 3000 is a floor mounted online double conversion Uninterruptible Power Supply (UPS) offering the highest levels of resilience and protection. This provides power to one submersible pump in case of a loss of mains power allowing for continued pump operation.

The system can last continuously for 30mins (303 pump) or 60mins (301 pump), based on a 3.5m head.

**Code: UPS3000**



### AquaSafe Alarm

The AquaSafe Alarm is a warning system which alerts the end user when there is:

- A power failure to the AquaSafe Alarm
- A high-level situation in the chamber/sump
- A high-level situation recorded
- A service due

There is a battery incorporated within the panel in case of mains power failure.

**Code: AQUASAFE**



# PUMPING STATIONS

## FOUL WATER SYSTEMS

**Our range of foul water systems are specially designed for the collection and removal of foul water where conventional gravity drainage to the main sewer is not possible and/or economical to install.**

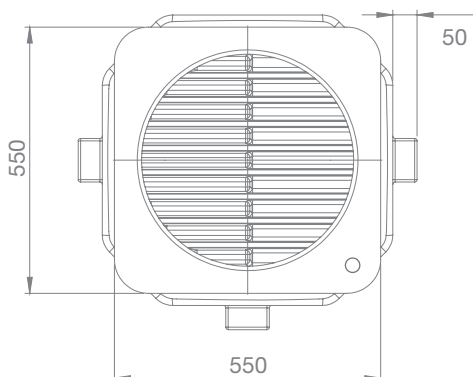
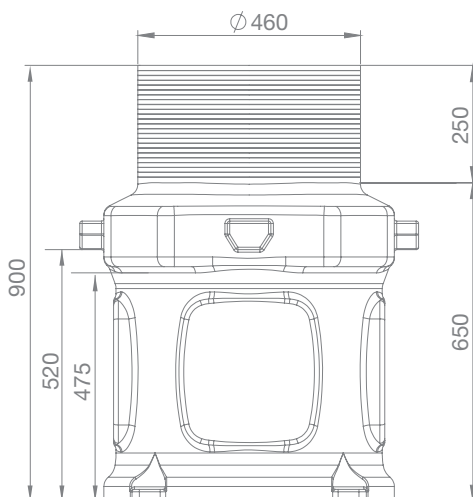
Our range comes in both single and twin pump configurations and in a variety of tank sizes. There is also a wide range of pumps/control options available to suit your precise requirements. With the **SumpFlo** and **DrainFlo** ranges, Wykamol can assist you with all your basement pumped drainage requirements.

A typical foul pump station consists of a tank with an inlet, an outlet and one or more pumps inside that use electricity. When sewage enters the pump station and reaches a certain level, a float switch activates the pump. The pump then propels wastewater to the next point of call, such as a sewer or a treatment plant.

The **DrainFlo™ Eco** is a fully automatic packaged pumping station suitable for pumping foul water from an extension, outbuilding, basement or similar. The pump's vortex impeller provides reliable and effective pumping of foul water, whilst the compact chamber offers ease of installation for sites with limited space.

The system consists of a polyethylene chamber, a sealed, locking inlay access cover, internal pipework and fittings, and a230 V automatic submersible pump.

The **DrainFlo™ Eco** is easy to install as inlets can be positioned to your requirements. This product should not be used to accept water from a cavity membrane groundwater systems.



**Find product codes for pump kits at the back of this brochure...**

## DRAINFlo 360 TWIN

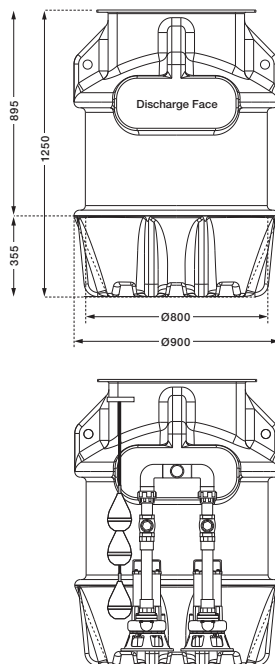
### INFO

The **DrainFlo 360 Twin** is a fully automatic packaged pumping station specifically designed for pumping foul water to a high-level when gravity drainage is not possible to install.

The system comprises of a polyethylene tank, locking access cover (pedestrian duty, not suitable for roadways), two powerful submersible pumps and control panel. The system is very versatile, enabling the installer to locate inlets to their specifications.

The control panel features a high level alarm to alert the end user if the water within the chamber rises above the normal operating level.

Battery backup systems can be purchased to installer specifications.



**Contact our technical team to talk to us about a bespoke package for the basement you are working on, and we can help design a suitable system for your project.**



# WATERPROOFING & GAS CONTROL

## LGM LIQUID GAS MEMBRANE

Wykamol Liquid Gas Membrane (LGM) is a single pack, elastomeric liquid rubber membrane, specifically designed for a range of vertical and horizontal construction surfaces. LGM will cure to form a tough, flexible material acting as an effective barrier to the passage of vapour, damp, water, radon and methane gas.

- Single pack system - 15kg bucket
- Water based compounds that can be applied even to damp backgrounds
- Non-toxic, non-hazardous, solvent and plasticiser free
- Quick drying. Typically touch dry in 1 hour

- Good bond to many substrates
- Toughness, high flexibility, extensibility and good crack bridging properties
- Low water vapour permeability
- Alkali resistant. Can be applied to alkaline surfaces
- Resistant to silage acids
- Non-staining and stain blocking
- Available colour, Green

**Code: WYKLGMI5**



### TYPICAL USES

Floors, under screeds (or above screeds), basements, walls, roofs, tiling, water storage, silage storage, marking paint e.g. roads, car parks, gas barrier, stain block.

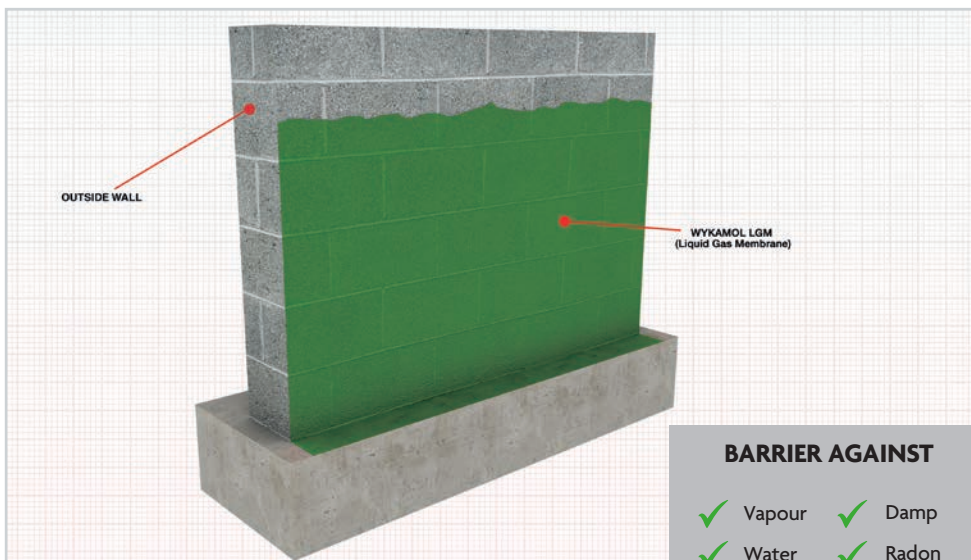
## APPLICATION

The background surface should be smooth or have a light, even texture. Any masonry should be flush pointed and defects in existing surfaces made good.

The surface needs to be clean, sound and free from dust, loose material or free surface water. The membrane should not be applied in wet conditions or where these conditions are likely to occur before the membrane has dried. The membrane should not be applied when the temperature of the background, or the air temperature, is below 7°C.

It is sometimes advantageous to pre-wet concrete or masonry backgrounds, so that these are damp but free from any water glistening on the surface, to aid application.

Because of the wide variety of background types and site conditions it is always advisable to check adhesion to the background by testing on a sample area before starting any job. The membrane may be applied by brush, roller or airless spray.



### BARRIER AGAINST

- |           |                   |
|-----------|-------------------|
| ✓ Vapour  | ✓ Damp            |
| ✓ Water   | ✓ Radon           |
| ✓ Methane | ✓ CO <sub>2</sub> |

# WATERPROOFING & GAS CONTROL

**SureProof ULTRA is a full gas & waterproofing membrane system. It is self adhesive and self protected by a cross laminated HDPE film, consisting of a very adhesive bituminous compound even at low temperatures.**



The high-density polyethylene film gives characteristics of dimensional stability and ensures a uniform reaction to elongation stresses in a longitudinal and transversal direction.

This membrane has been designed and developed for the specific waterproofing of vertical walls, foundations, basements, flat and ventilated roofs.

## ADVANTAGES

- Waterproof, self-adhesive and self-sealing.
- Tough and extensible.
- Radon and methane gas barrier.
- Resistant to the contact of chemical agents.
- Resistant to tearing and perforation.
- Controlled thickness.
- Compatible with steel and metals in general.



### BARRIER AGAINST

- |           |         |
|-----------|---------|
| ✓ Vapour  | ✓ Damp  |
| ✓ Water   | ✓ Radon |
| ✓ Methane |         |

# SUREPROOF ULTRA

## FULL GAS & WATERPROOFING MEMBRANE SYSTEM



### SUBSTRATE PREPARATION

All surfaces on which Sureproof Ultra Waterproofing membranes are installed must be dry, clean, smooth and free of impurities.

If the surface is porous, apply a coat of **SurePrime Ultra** in a quantity of 75 - 150 g/sqm. The use of a primer is in any case advisable, and the manufacturers instructions must be followed. Incorrect use of membrane primers can influence the membrane efficiency.



### DIMENSIONS AND PACKAGING

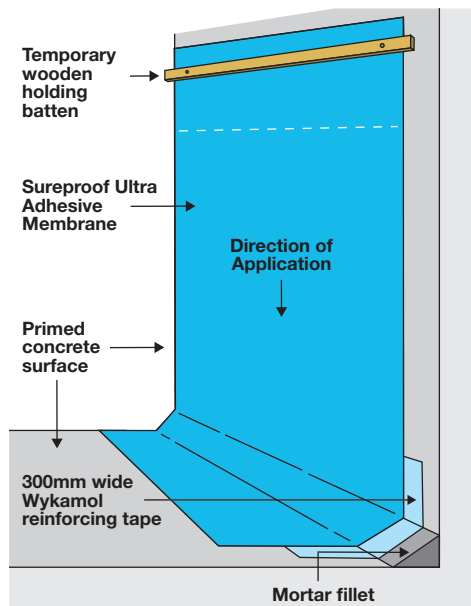
Standard Length:	20 m
Thickness:	1.5 mm
Standard Width:	1000 mm

**Codes: SUREPROOFULTRA1X20, SUREPRIME**

Other lengths and thickness's are available on request. The rolls are packed individually in cardboard boxes and placed on pallets.

### APPLICATION

Always start by laying the rolls from the highest point and work downwards, being careful not to create counter-gradient overlaps. The membrane must be overlapped at the edge by at least 5-8 cm and on the top by at least 15 cm. After installation, press the membrane well, being very careful about details such as corners, edges, connections and overlaps.





# DUAL ACTION GAS AND WATERPROOFING



## QUADPROOF ULTRA



Quadproof Ultra is a high specification co-extruded multi-layer waterproofing barrier specifically developed for use on construction sites contaminated by volatile organic compounds (VOCs), hydrocarbons and other ground gases such as methane, radon and CO<sup>2</sup>.

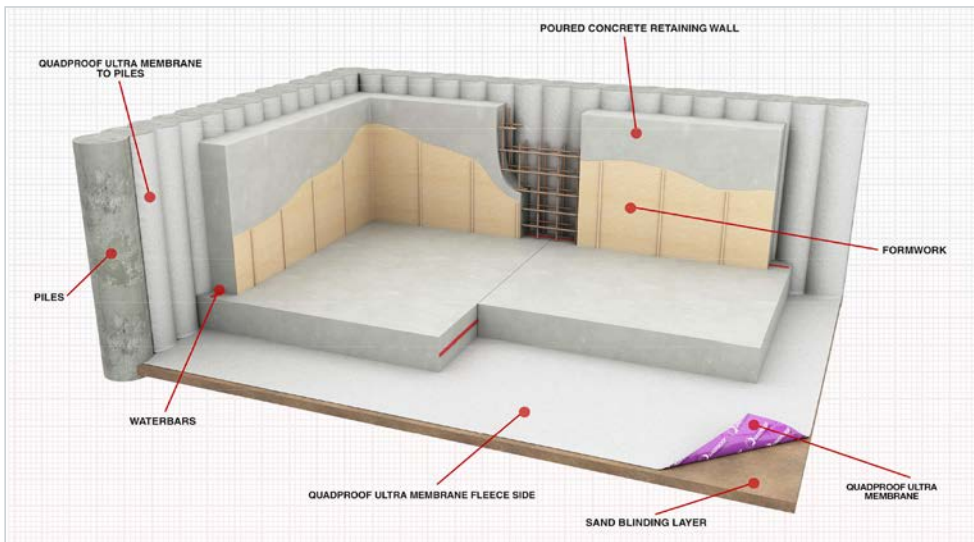
The product is 14 layers and contains 2 layers of gas barrier polymer (EVOH) to offer exceptional performance and prevent the ingress of dangerous gases and water into buildings. It is manufactured using the latest co-extrusion technology and cannot delaminate. The product will also act as a damp-proof membrane.

The membrane is manufactured using high performance engineering polymers to give exceptional strength and does not require reinforcement. It can be installed by the use of sealing tapes or can easily be welded.

### A new generation of waterproofing and gas barrier

- Advanced fourteen-layer barrier
- Two layers of ethylene vinyl alcohol co-polymer (EVOH)
- Outstanding gas resistance
- Conforms with BS8485:2015+A1:2019 (Table7)
- Conforms to BS8102:2022
- Conforms to the specification requirements of NHBC Amber 1 & 2 applications
- Suitable for all characteristic gas situations (CS) ground gas regimes
- Excellent welding characteristics
- Conforms to BR211 (2023) Radon: Guidance on protective measures for new buildings

**Code: QPULTRA1.65X30**





# WATERPROOFING & GAS CONTROL



FOR MORE INFORMATION VISIT [www.wykamol.com](http://www.wykamol.com)

# DUAL ACTION GAS AND WATERPROOFING



## QUADPROOF GAS

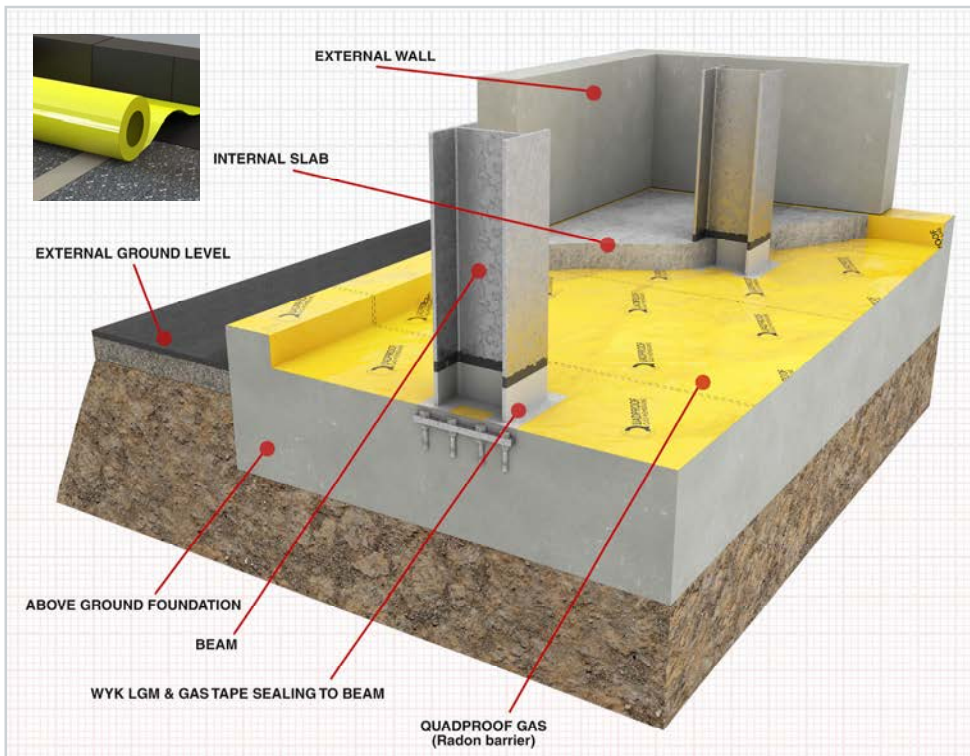


**Quadproof Gas Membrane is a low permeability, highly robust monolithic thermoplastic LOPE membrane for use as a radon, CO<sub>2</sub> and low level methane barrier at 400 µm thick.**

The barrier provides a safe solution for use in the construction of buildings and dwellings when installed according to the relevant code of practice. The product has excellent strength and puncture resistance. Primarily designed to meet the requirements of NHBC characteristic Amber 1 (gas contaminated land).

Quadproof Gas Membrane offers a complete solution for the protection of buildings and occupiers from radon, carbon dioxide and low levels of methane, including gas found on disused coalfield sites. Other sites such as disused landfill and industrially contaminated land will commonly require the protection of a gas barrier to protect buildings from gas ingress. This membrane conforms to BR211 (2023) Radon: Guidance on protective measures for new buildings and BS8485:2015 for ground gas protection.

**Code: QPGAS4X20**



# DUAL ACTION

## TOTAL GROUND GAS CONTROL



## QUADPROOF EVOLUTION

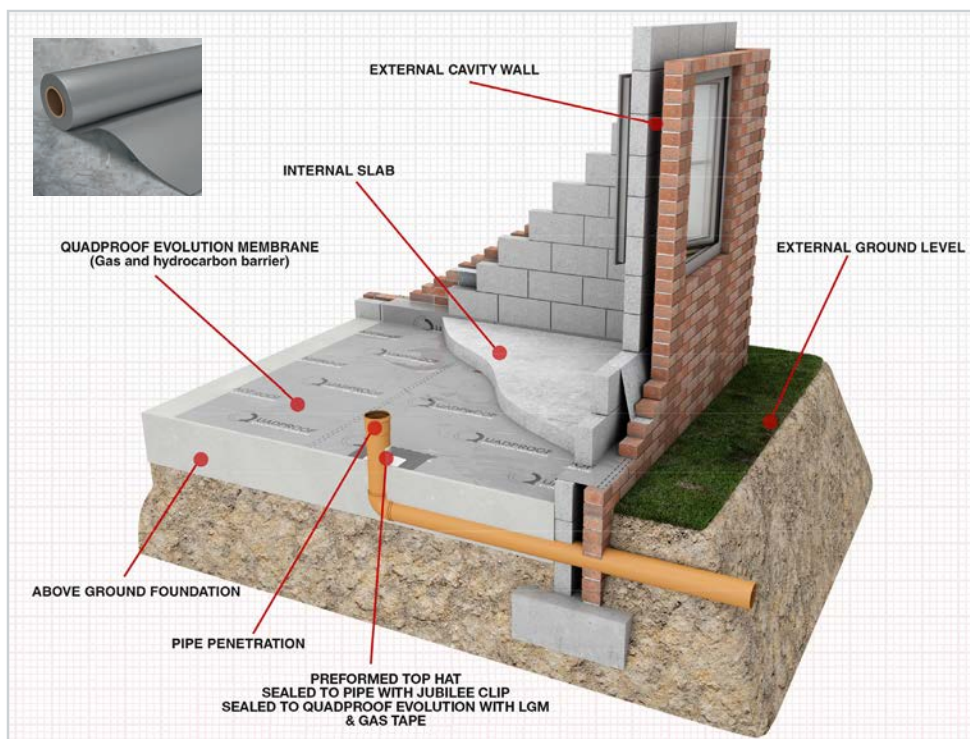


Quadproof Evolution is a high specification co-extruded multi-layer barrier specifically developed for use on construction sites contaminated by volatile organic compounds, hydrocarbons and other ground gases such as methane, radon and CO<sub>2</sub>.

The product is 14 layers and contains 2 layers of gas barrier polymer (EVOH) to offer exceptional performance and prevent the ingress of dangerous gases into buildings. It is manufactured using the latest co-extrusion technology and cannot delaminate.

The product will also act as a damp-proof membrane. The membrane is manufactured using high performance engineering polymers to give exceptional strength and does not require reinforcement. It can be installed by the use of sealing tapes or can easily be welded.

**Code: QPEVO1.65X61**



# PROFLEX SYSTEM

## CRACK SEALING

## PROFLEX

**High performance joint and crack sealing system for joint and crack sealing for construction joints, expansion (movement) joints and connection joints or cracks.**

The system allows variable and high levels of movement in one or more directions, whilst maintaining a high-quality watertight seal.

### Wykamol EP Proflex Adhesive

EP Proflex Adhesive is an epoxy resin-based solvent-free, thixotropic, structural two-part building adhesive and repair mortar.

Designed to give excellent moisture tolerance and water resistance, EP Proflex Adhesive is designed for use at temperatures of 50C and 300C. Specifically developed with a lower mixed viscosity for easier workability at low temperatures and excellent adhesion to damp surfaces, which is usually common within the building industry.

EP Proflex Adhesive bonds well to most building materials including concrete, stone, brick, wood, glass and metal. Due to its excellent adhesion, it can also be used for adhering building materials, including brick slips, onto glass reinforced plastic (GRP) bases.

### Application Areas

- Joint waterproofing tape for walls
- Floor junctions
- Construction joints
- Movement joints
- Expansion joints
- Structural joints
- Connection joints

### Characteristics/Advantages

- 3:1 mixing ratio by weight or volume
- Thixotropic, ideal for vertical & overhead applications
- Ideal for repairing corners and edges
- Gap, joint and crack filling
- No shrinkage
- Impermeable to liquids
- Bonds to damp surfaces
- Excellent adhesion even on damp surfaces
- High impact resistance and mechanical strength
- Good colour for easier colour matching



**PROFLEX**  
HIGH PERFORMANCE JOINT  
& CRACK SEALING SYSTEM

Codes: WYKHYDPROBAND50, WYKHYDPROADS



## SWELLABLE MASTIC - JOINT SEALING



CEM 805 "active" cures and swells in the presence of moisture. Curing time depends on temperature and humidity conditions, i.e. curing time will reduce, if RH and °C are higher. CEM 805 "active" will become firm in 24- 36 hours. Performance is not affected by the curing time.  
**Supplied in 310 ml cartridges.**

### Advantages

- Solvent-free
- CEM 805 "active" can be applied to concrete, PVC, HDPE, steel, etc.
- The excellent filling and adhesion properties of CEM 805 "active" provide a first line filling of cracks and voids, even on lightly humid, smooth or rough surfaces
- In contact with water CEM 805 "active" will expand to about 200 % of its original volume
- CEM 805 "active" is an extremely flexible system, which adapts to the irregular surface of the substrate

**Code: CEM805ACT**

## WATER BARS JOINT SEALING



### SwellMAX Plus Waterstop

A bentonite based water-stop tape which has a unique protection coating that prevents premature swelling of the tape for up to 3 days. SwellMAX Plus Waterstop is designed to prevent water ingress through non-movement joints in reinforced concrete structures.

**Code: SWELLMAXPLUS20**

### SwellSeal

An extruded rubber compound made from butyl rubber, hydrophilic resin, polyethylene, silicone and special admixtures and used to seal joints on many poured-in-place and below ground pre-cast concrete applications. SwellSeal produces a water-tight seal when under conditions of confinement as it moulds itself to the surrounding surfaces. On contact with water it is capable of swelling up to 4 times its own volume. This means SwellSeal can be used without any high-compression force.

**Code: WYKWSB5** Size: 20mm x 25mm x 5m

# ROOF WATERPROOFING SOLUTIONS

## HYDRADEK PU

**HYDRADEK PU** is a high elastomeric waterproofing liquid membrane, that is the perfect solution for flat roofs, walkways and balconies. The HYDRADEK system includes a pre-mixed polyurethane coating, which once catalysed with the matting forms an homogeneous and continuous elastic waterproof membrane without any need for joints or overlapping tapes.

Because of its unique properties, HYDRADEK is easily applied to a wide variety of surfaces, and with the addition of an integral hardener it's the perfect solution for high foot traffic zones such as podiums & balconies.

### ADVANTAGES

- BBA approved
- NHBC (National House Building Council) approval, and green roof endorsed.
- Totally seamless, without any laps or joints.
- Suitable for areas of high traffic.
- Cold, brush or roller applied, no need for heat or other accelerators.
- The homogeneous system of two coats of PU interleaved with mesh results in a totally waterproofed surface.
- Can be applied to most surfaces, and is ideal for both new and older established flat roofs.

- Suitable for use all year round.

- For the waterproofing of most roofs/balconies/ podiums/foot traffic areas, on both metal and asbestos roofs.

### SYSTEM COMPONENTS AND CODES

- **HYDRADEK PRIMER 5 LITRE - WYKHYDP5**
- **HYDRADEK PU 25 KG - WYKHYDPU25**
- **HYDRADEK TOP COAT 5KG - WYKHYDTC5**
- **HYDRADEK THICKENER 1 LITRE - WYKHYDTHICK1**
- **HYDRADEK MATTING 1M X 20 M - WYKHYDMATT20**

**HYDRADEK PU** is a single component liquid made up from pure polyurethane, which once catalysed forms a continuous elastic membrane, without any joints/ overlapping, and on smaller roofs without any integrated HYDRADEK FLEECE required.

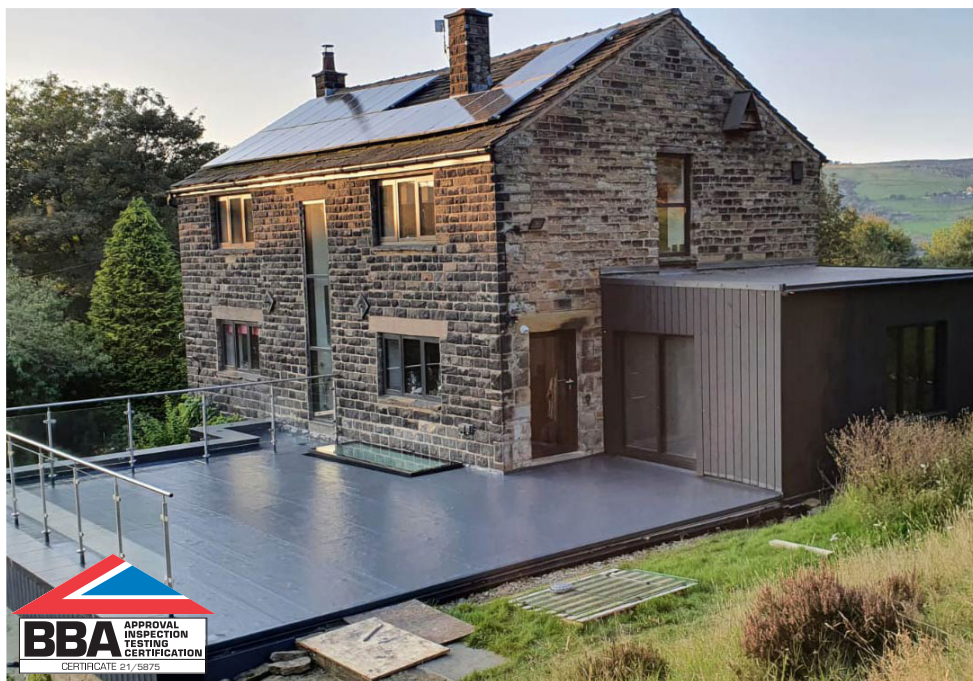
**HYDRADEK PRIMER** has been specifically designed to increase bonding and improve the surface levelling of substrates such as concrete, mortar, or plywood prior to the application of the HYDRADEK PU

**HYDRADEK TOPCOAT** is a two component polyurethane resin that provides a hard and durable

surface for high traffic zones, as well as offering UV radiation protection on exposed (non covered/shielded) surfaces.

**HYDRADEK THICKENER** has been specially developed as a liquid additive for the HYDRADEK PU, to use on vertical or sloped surfaces, giving increased thixotropic anti-slump properties during the drying/curing process.


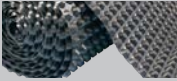









**HYDRADEK MATTING** is a spun glass fibre, for use with HYDRADEK PU in large roofing/flat surface applications where it is necessary to achieve an homogeneous bond/seal.



# WATERPROOFING

## PRODUCT CODES

PRODUCT	CODE	DESCRIPTION	PACK SIZE
	CM31X20C	CM3 MEMBRANE 1M X 20M, CLEAR	20m <sup>2</sup>
	CM32X20C	CM3 MEMBRANE 2M X 20M, CLEAR	40m <sup>2</sup>
	CM3MESH1X10	CM3 MESH MEMBRANE 1M X 10M, CLEAR	10m <sup>2</sup>
	CM3MESH1.2X10	CM3 MESH MEMBRANE 1.2M X 10M, CLEAR	12m <sup>2</sup>
	CM3MESH1.2X20	CM3 MESH MEMBRANE 1,2 X 20M, CLEAR	24m <sup>2</sup>
	CM3MESH1X20	CM3 MESH MEMBRANE 1M X 20M, CLEAR	20m <sup>2</sup>
	CM3MESH1.2X20	CM3 MESH MEMBRANE 1.2 M X 20 M, CLEAR	24m <sup>2</sup>
	CM3MESH2X20	CM3 MESH MEMBRANE 2M X 20M, CLEAR	40m <sup>2</sup>
	CM82X20	CM8 MEMBRANE 2M X 20M, CLEAR	40m <sup>2</sup>
	CM82.4X20	CM8 MEMBRANE 2.4M X 20M, CLEAR	48m <sup>2</sup>
	CM8HD2X20	CM8 HD700 MEMBRANE 2M X 20M, CLEAR	40m <sup>2</sup>
	CM8HD2.4X20	CM8 HD700 MEMBRANE 2.4M X 20M, CLEAR	48m <sup>2</sup>
	CM8MESH2X10	CM8 MESH MEMBRANE 2M X 10M, CLEAR	20m <sup>2</sup>

PRODUCT	CODE	DESCRIPTION	PACK SIZE
	CM8MESH2X20	CM8 MESH MEMBRANE 2M X 20M, CLEAR	40m <sup>2</sup>
	CM201X20	CM20 MEMBRANE 2M X 10M, BLACK	20m <sup>2</sup>
	CM202X20	CM20 MEMBRANE 2M X 20M, BLACK	40m <sup>2</sup>
	CM20YELLOW2X20	CM20 YELLOW HIGH VIS 2M X 20M	40m <sup>2</sup>
	WYKPSEAL100	PLASTER PLUG SEALS	100
	WYKBSEAL100	BRICK PLUG SEALS	100
	ANTILIME2	ANTI-LIME SEALER CONCENTRATE	2 LITRE
	SUMPFLO/AC	SINGLE PUMP KIT (6.8), TWIN OUTLET + METAL LID	1
	SUMPDOUBLE303TO/AC	DOUBLE PUMP SUMPKIT (2X12.5) TWIN OUTLET + METAL LID	1
	SUMPDOUBLEBBPS30TO/AC	PUMP SUMP KIT (2X6.8), BATTERY BACKUP TWIN OUTLET + METAL LID	1
	SUMPDOUBLEBBPS303TO/AC	PUMP SUMP KIT (2X12.5), BATTERY BACKUP TWIN OUTLET + METAL LID	1



# WYKAMOL - TRITON

## CONTRACTORS TRAINING COURSES

### TAP INTO SOME OF THE BEST TECHNICAL ADVICE IN THE COUNTRY

The Wykamol Group like to ensure that contractors are installing our products to the highest possible standard and to achieve this, we arrange regular and well attended Contractor's Training Courses throughout the country. Please ask in branch or contact Head Office for information on course availability in your area.

Contractor Training Courses are suitable for start-up contractors and established contractors who would like to become a Registered Installer\* and apply to become a member of QANW - Insurance backed guarantees (see next page for more information).

\*Becoming a Registered Installer is a process which begins with attending a Contractor Training Course and includes inspection of at least 3 on-site projects. Contractors are then entered into our database against their chosen Merchant Partner and Branch. The awarding of Registered Installer status is at the discretion of Wykamol-Triton's Technical Departments. Wykamol-Triton Group are not responsible for any work completed by a Registered Installer.



# QANW IBG

## INSURANCE BACKED GUARANTEES

# WHAT IS QANW ?

QANW has been delivering quality protection insurance for home improvement investments since 1994. QANW is the first choice for contractors looking for genuine insurance protection for their customers.

Homeowners are insisting on insurance backed guarantees more and more, as the guarantee is valid in every eventually, even if the contractor is no longer trading. Considering that 70% of all companies go out of business within 20 years, why would you take the chance?

Sticking a pin into a phone book gives you a 20-1 chance of finding a contractor good enough to be backed by an insurance company authorised and regulated by the FCA.

**When comparing, quotes ask competing contractors which of these they can offer (if any):**

- Actual insurance period of 10 years (with the option of extending this period when it expires)
- Independent checking for technical competence
- Health and safety competence and financial stability

- Underwriter that is authorised and regulated by the FCA
- Access to the Financial Ombudsman Service
- Insurance certificate for each property
- Security of the Financial Services Compensation Scheme
- NHBC and Zurich Approved
- Insurance Premium Tax (IPT) applied (as required by law for all genuine insurance)
- Automatic free assignment on sale of property
- Protection against contractor failure for any reason

For more information on becoming a member of QANW and issuing insurance backed guarantees, contact your Area Technical Manager.

**Ask in Branch for a list of Contractors who can offer QANW Insurance Backed Guarantees or contact Head Office.**



Insurance Protection covering: Damp-proofing, Timber Treatment, Wall Ties, Lateral Restraints & Structural Waterproofing	QANW IBG	Contractor Guarantee Only
Actual period of cover	Up to 10 years	Trading period only
Insurance policy for each property	✓	X
Protects against a contractor having ceased trading	✓	X
Underwritten by a UK based authority and regulated insurance company	✓	X

# HOW-TO

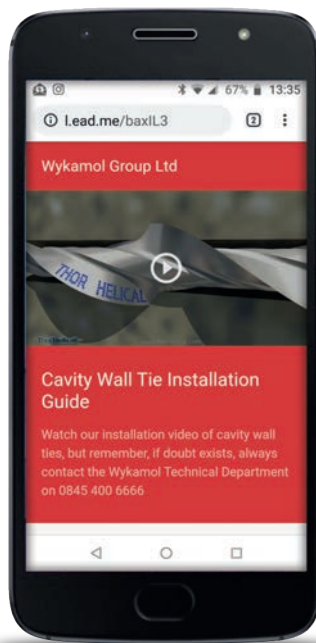
## VIDEO APPLICATION GUIDES

### Basement Waterproofing Video



Wykamol have provided a series of useful and informative instructional video's. Use your mobile phone to scan the QR Codes and watch our handy video guides on the go.

### Wall-Tie Installation Video



### Ultracure Application Video



### Crack Stitching Bars Installation Video



### Mould Control System Video



FOR MORE INFORMATION VISIT [www.wykamol.com](http://www.wykamol.com)

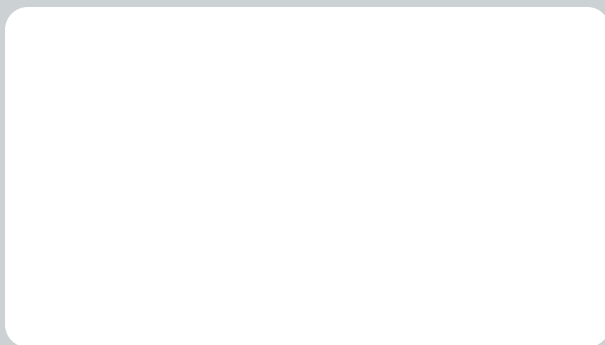


# NOTES





# The Ultimate Building Guide: A solution for every problem



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