



2026 EDITION

INTELLIGENT MEMBRANES

THE NETZEROS



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MAKING A DIFFERENCE



WE ARE INTELLIGENT MEMBRANES

Intelligent Membranes are a manufacturer and global supplier dedicated to pioneering innovative high-performance membrane solutions that are rapidly transforming the construction industry. Our company specializes in developing high-performance membranes for all construction details, such as, but not limited to, Airtightness, Vapour controls, Waterproofing, Weatherproofing, and environmental protection. With a commitment to quality and innovation, we leverage cutting-edge materials and extensive research to deliver products that not only meet the demands of our clients but, are also certified with the most prestigious testing facilities and governing bodies. Our expert team collaborates closely with partners across various sectors to provide tailored solutions that address complex challenges, ensuring efficiency and reliability in every application. At Intelligent Membranes, we are not just creating membranes; we are shaping a sustainable tomorrow.

Our team specializes in delivering customized technical drawings to meet the unique needs of each project. With a passion for the construction industry, our product range is designed to tackle real-world challenges, delivering reliable and effective solutions every time.

OUR MISSION

Our mission is to empower the construction industry and our clients with cutting-edge, high-performance products that not only improve living standards but also significantly reduce environmental impact. By doing so, we are committed to accelerating the global transition to a Net Zero future.

In alignment with our values, we pledge to plant a tree for every order placed through our website, contributing to a greener, more sustainable planet for generations to come.

Our testing laboratories



INTELLIGENT MEMBRANES



INTRODUCING THE NET ZEROS

BE A NET ZERO HERO

ISSUE 1



THE **TO BE CONTINUED...**
NETZEROS



INTELLIGENT MEMBRANES



INTELLIGENT AIRTIGHT LIQUID VAPOUR CONTROL MEMBRANE

PASSIVE PURPLE™



PASSIVE PURPLE™

The Passive Purple Liquid Airtight Vapour Control Membrane is a premium airtight coating engineered for superior performance. It is designed for effortless application using an airless spray device or roller and is applied to the entire external envelope of a building, particularly on the warm side of the insulation. This product impregnates and adheres itself straight onto the substrate and excels at sealing even the most difficult connection points - such as between floors, walls, roofs, and joists. Ensuring total airtightness across the structure.

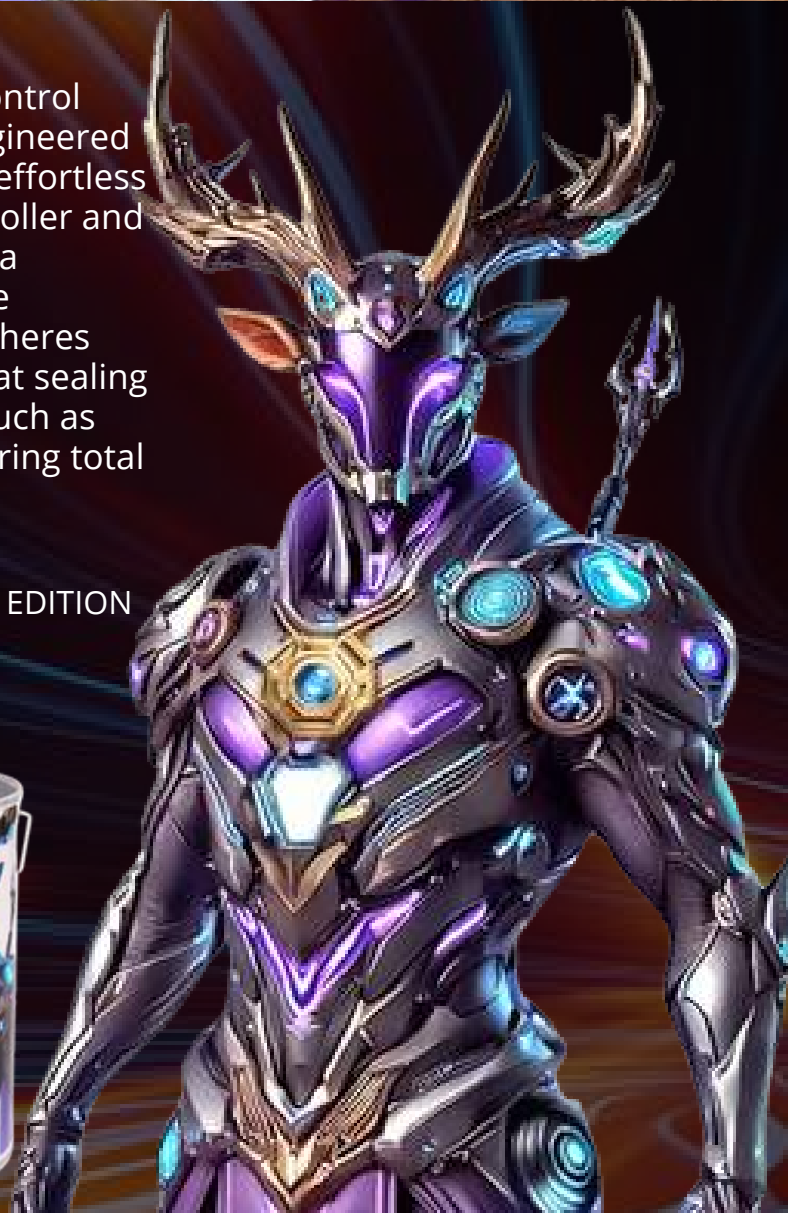
PASSIVE PURPLE™ AIRTIGHT WHITE EDITION

All the same properties as Passive Purple, but in a crisp white colour finish.

11.4 KG



11.4 KG



INTELLIGENT MEMBRANES



PASSIVE PURPLE TM

***AIRTIGHT WHITE EDITION**



AIRTIGHTNESS
0.03 ach.

PRODUCT BENEFITS

- ✓ **PASSIVHAUS CERTIFIED**
Passive Purple is a Passivhaus certified Liquid Airtight Vapour Control layer.
- ✓ **BBA CERTIFIED**
Passive Purple is a fully BBA certified Liquid Airtight Vapour Control Layer.
- ✓ **GROUND GASSES**
Passive Purple also offers you a perfect Radon and methane barrier to eliminate those nasty ground gases from entering your building.
- ✓ **M1 CLASS, VOC FREE**
Passive Purple is an M1 class, VOC FREE water-based product. Zero nasty chemicals, friendly for the user and environment.
- ✓ **UP TO 400m²+ COVERAGE A DAY**
A single installer can apply up to 400m² of Passive Purple a day, using an airless spray device, this speeds up the construction time and cuts labour costs dramatically.
- ✓ **0.03 ACH**
Certified to 0.03ach and will easily guarantee 0.6ach or under, on any substrate for passivhaus airtight results.
- ✓ **FIRE RATED – C CLASS**
Unlike paper membranes which are only class E, Passive Purple will not burn like its competition
- ✓ **PRODUCT ADHESION POINT**
Passive Purple will adhere to all types of building substrates. Here are a few examples Blockwork, Concrete, Timber, Engineered Timber Sheeting, PIR Insulation Boards, Polyurethane Insulation Spray, OSB, MGO, CP boards, Steel. The list goes on!



A person wearing a white protective suit and hood is shown from behind, spraying a purple membrane onto a wall. The wall is already partially covered in the same purple material. The person is holding a spray gun connected to a hose. The scene is set in a room with wooden beams on the ceiling.

PASSIVE PURPLE™

BE A NET ZERO HERO



INTELLIGENT MEMBRANES



MORE INFORMATION ON PASSIVE PURPLE

Passive purple is a VOC FREE (volatile organic compound) water-based product. So, it's completely free of any nasty chemicals or fumes. As a water-based product, cleaning your paintbrushes and airless spray device is an easy, no-mess task.

Passive Purple adheres to most forms of construction allowing you to achieve maximum results for your desired goal. Once dry, Passive Purple forms an extremely tough yet flexible polymer membrane allowing it to move with the building settlement, whilst at the same time being super effective against impact damage, also eliminating the inevitable rips, tears, unstuck tapes, staple holes, and large numbers of repairs you would expect to find on the classic paper membranes.

Intelligent Membranes have eradicated the need for paper, tapes, and staples which eradicates all the problems that come with it i.e. labour time, a large number of damage repairs, and waste material, effectively saving you money as well as achieving your goal without the worry of failure.



✓ **ENVELOPE DETAILS**

Passive Purple Liquid Airtight Vapour Control Membrane is an airtight coating that is roll or spray applied with an airless spray device on all areas on the external envelope of a building including the difficult floor, wall, roof connections, and joist areas. As long as Passive purple is used on the warm side of insulation Passive Purple can be applied to either face of the external envelope.

The material to have Passive Purple applied on must be dust-free, solid, and closed before starting the application. A closed surface implies that holes and joints need to be closed beforehand: large holes and joints

(> 5mm) can be closed with fast-setting cement-based products or polyurethane foam. Small holes and joints (2-5mm) can be closed with Passive Purple Liquid Brush, this is a much thicker (paintbrush applied version of Passive Purple). For perfect adhesion, without the worry of smooth or dusty substrates, roll apply SUPERGRIP, our grit filled substrate primer for maximum adhesion before the use of polymer and plaster-based products.

✓ **ENVELOPE PENETRATIONS**

Pipe and wire penetrations can be the downfall of any airtightness testing. Passive Purple and Passive Purple Brush are applied around objects that penetrate any surface to the external envelope sealing where most tapes and membranes fail. Before you apply Passive Purple/Passive Purple Brush, first apply polyurethane foam around any penetrations: after hardening, remove the excess foam and apply a generous amount of Passive Purple Brush with a flat paintbrush; in all cases, apply a sufficient, well-covering layer to guarantee airtightness. For best results in high movement areas, use The G.O.A.T sealant (tube applied).

✓ **WINDOW AND DOOR REVEALS**

Passive Purple can be applied (and is tested) on different construction materials such as concrete, brick, wood, PVC, aluminium, polyurethane foam and with a coat of Passive Purple, the whole window/door reveal can be made airtight. Used alongside Passive Purple Brush or our Airtight Tapes. Or for the very best air tightness tape for windows/doors and connecting joints. Our polyamide film covered on one side with non-woven fleece on the other is the best for the sealing of window connection joints with a strong adhesion and 20mm cornering flange. For both Internal and External use! See page 21-22.

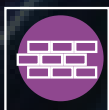
✓ **WORKING METHOD – PASSIVE PURPLE BRUSH**

Use like a filling paste to gap bridge any joints, cracks, small holes and over changes in substrates such as blockwork to timber. Also prepare larger holes with a cement based product or polyurethane foam, cut back the excess and apply Passive Purple brush.





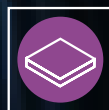
PASSIVE PURPLE™ IN USE



BLOCK WORK



TIMBER FRAME



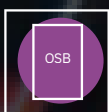
SCREED FLOOR



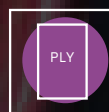
MGO BOARD



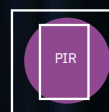
CEMENT BOARD



OSB BOARD



PLY BOARD



PIR
INSULATION
BOARD



PLUS MORE

FOR A FULL INSTALL GUIDE PLEASE SEE WEBSITE!

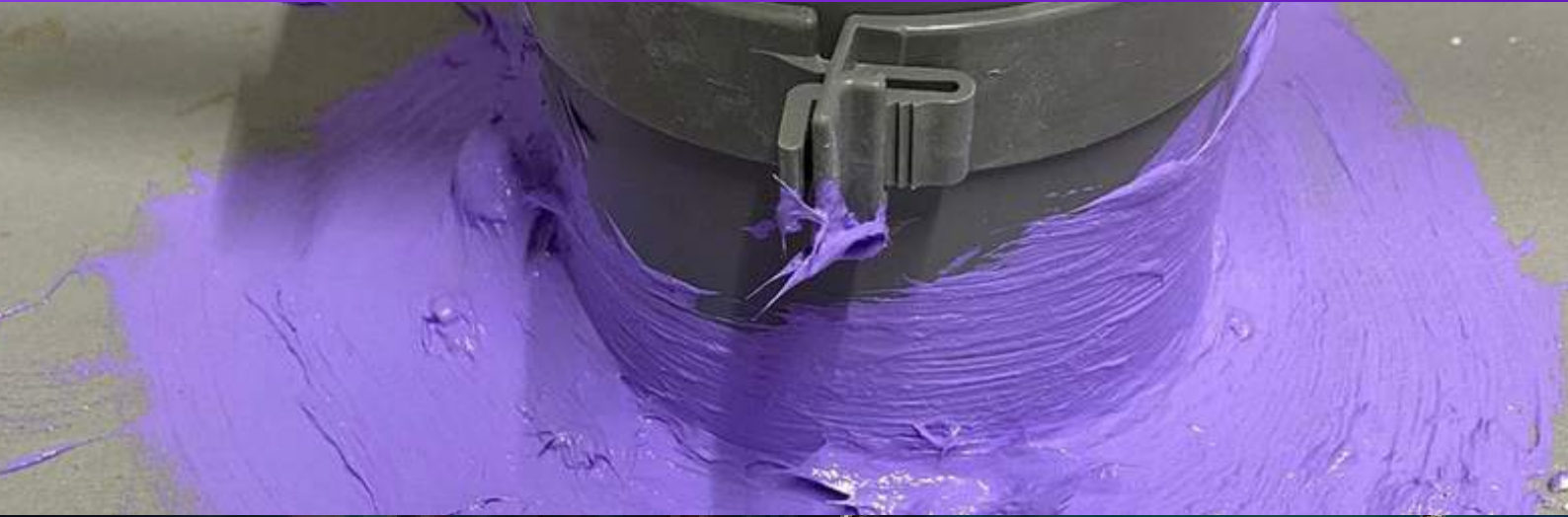


INTELLIGENT MEMBRANES



INTELLIGENT AIRTIGHT LIQUID VAPOUR CONTROL MEMBRANE

PASSIVE PURPLE™ BRUSH



PASSIVE PURPLE™ BRUSH

Handy size tubs for brush applied uses. The same benefits and results, but made for surface penetrations, substrate preparation, small gaps, joint and crack bridging.

PASSIVE PURPLE™ BRUSH / AIRTIGHT WHITE EDITION

All the same benefits and uses as Passive Purple™ but in a crisp white finish.

6.9 KG



6.9 KG



3.7 KG



INTELLIGENT MEMBRANES

WHY CHOOSE PASSIVE PURPLE™ BRUSH?

✓ **WINDOW & DOOR REVEALS**

This is a common culprit for huge air leakage. With its fiber-reinforced makeup, Passive Purple Brush will completely seal and dry into a tough airtight membrane that will not peel or become unstuck like your classic silicones and tapes usually used.

✓ **SURFACE PERFORMANCE**

Don't risk tapes and membranes peeling away or becoming unstuck, leaving your house open for air leakage costing you labour, energy, and stress. Passive Purple Brush can be applied with great speed and on damp surfaces, all of which tapes don't do well on.

✓ **SLAB CONNECTIONS**

Completely seal the slabs to the panels/ walls with a perimeter application of Passive Purple Brush or Spray.

✓ **CONNECTIONS & JOINTS**

Bridge the larger gaps in the wall connections & joints for a tough yet flexible seal which allows itself to work with building settlement before spraying over with Passive Purple Spray.

✓ **SERVICE PENETRATIONS**

Service penetrations can be the downfall of any building. Passive Purple and Passive Purple Brush are applied around objects that penetrate any surface of the external envelope sealing where most tapes and membranes fail and are too awkward to apply.

✓ **WALL & CEILING**

Completely seal the wall to ceiling connections with a perimeter application of Passive Purple Brush or Spray.





**EASY TO APPLY
TO TIGHT AND
SMALL AREAS**

Passive Purple Liquid Brush is a much thicker fiber-reinforced paintbrush applied version of Passive Purple. commonly used for heavy-duty areas such as the preparation of connections, service penetrations, joist zones and for larger gap bridging – thereby replacing the need for tapes and silicones.

For small areas and repairs or remedial works, Passive Purple Brush can be used with a flat paintbrush. In this case, an airless spray device is not needed.

The wall/ceiling/slab connections also need to be made airtight, certainly when the connections are made of two different types of construction materials such as red brick/concrete, steel/concrete, or timber and block work.

Different construction materials react differently to changes in humidity or temperature and move at different rates which can lead to small cracks in plaster or any other type of finishing, and so creating air leaks that will cause the energy performance of your building to suffer and potentially open the gateway for damp and mould to appear.

For these wall/ceiling/slab connections, Three products can be used: Passive Purple which is sprayed with an airless paint spray device, Passive Purple brush which is applied by brush, or if you have really large movement and gaps, then our airtight fleece tapes can work.



PASSIVE PURPLE BRUSH™ IN USE

**TOP PLATE TO
BLOCKWORK, TRUSS AND
WALL STRAPS**



**Cement particle,
Plaster and MGO
board**



**BLOCKWORK TO
SLAB & DPC
CONNECTIONS**



**SERVICE
PENETRATIONS**



**JOIST ZONES
INTO
BLOCKWORK**



**OSB BOARD JOINTS
AND FIXING
PENETRATIONS**



**WINDOW /DOOR
UPVC FORMERS TO
BLOCKWORK**



**USE OUR BRUSH APPLICATION TO
COVER AND FILL ANY BIG GAPS AND
SPACES. USE SUPERGRIP IF UNCERTAIN
OF ADHESION QUALITY**



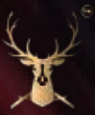
**SIMPLE, EFFICIENT
AND EFFECTIVE**
Discover more online



 Scan Me



INTELLIGENT MEMBRANES



INTELLIGENT AIRTIGHT LIQUID VAPOUR CONTROL MEMBRANE

PASSIVE PURPLE™ PASSIVHAUS SEALANT



SCAN ME

GUN APPLIED

600ml



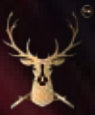
PASSIVE PURPLE™ PASSIVHAUS SEALANT

Passive Purple brush now comes in a box of 12 x 600ml joist seal. This is a fast way of applying an airtight membrane to joist ends and straight connection joints. Simply go around the joist ends with the Sausage applicator and then brush over the top to make sure it's all in ... it's as easy as that.

- ✓ ***600ml joist and joint Seal***
- ✓ ***Supplied in Box of 12***
- ✓ ***Fast application***
- ✓ ***Airtight membrane***
- ✓ ***Use for: Linings, gaps, joist ends and straight connection joints***
- ✓ ***Super tough***

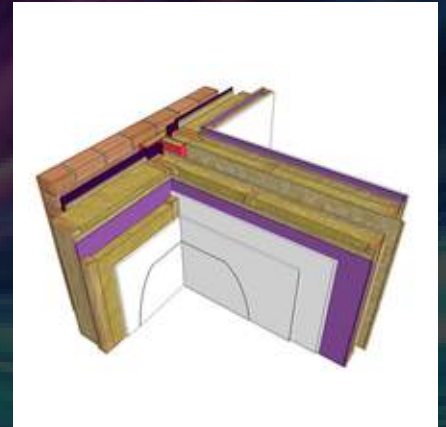
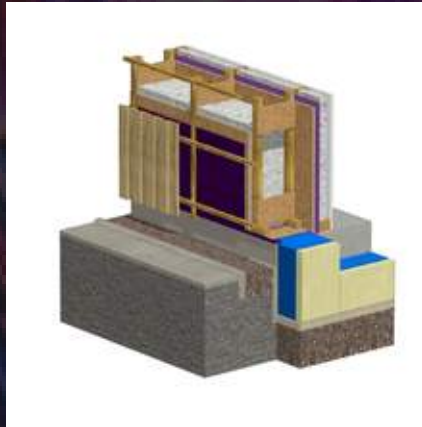


INTELLIGENT MEMBRANES

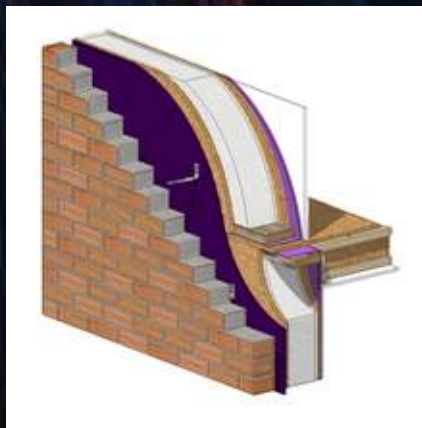
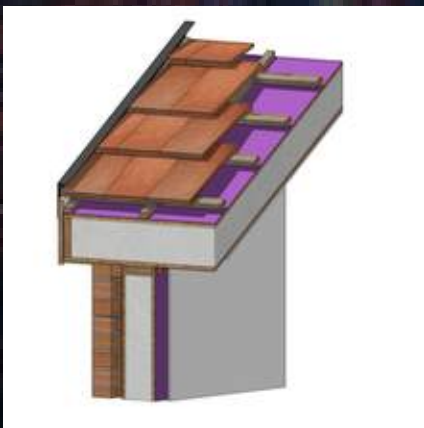


PASSIVE PURPLE™ & PASSIVE PURPLE X™ 3D GALLERY

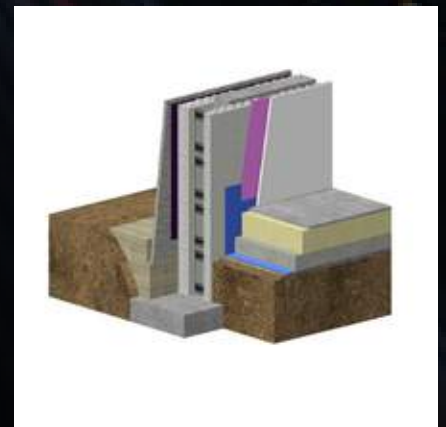
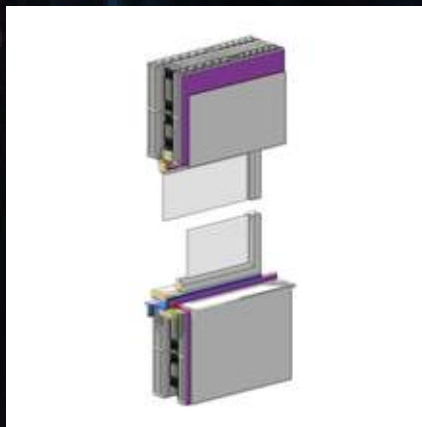
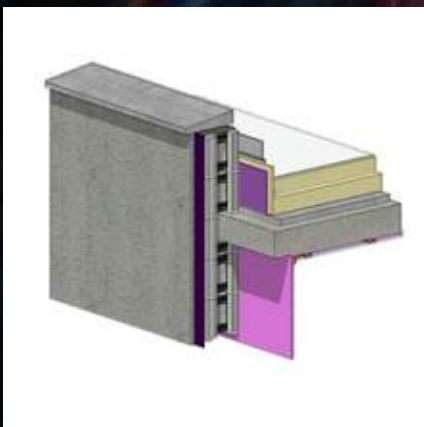
TIMBER FRAME



SIP BRICK CLADDING

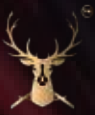


ICF WALL



For details with information and more, visit our website!





PASSIVE PURPLE™ X

INTERNAL AND EXTERNAL USE

X is the innovative, intelligent solution for moisture management, offering significant advantages over traditional paper membranes. Its quick-drying formula and ease of application whether by spray, roller, or brush makes installation faster and more efficient. Unlike paper membranes, X remains flexible to accommodate building movement, ensuring seamless coverage with no gaps for superior protection. Additionally, its fire-resistant properties enhance safety, whereas traditional paper membranes can be highly flammable. X is also durable and tear-resistant, providing long-lasting performance.

X FIRE RATED

X VOC FREE

X BREATHABLE

X AIRTIGHT

X SMOKETIGHT



FIRE CLASS B



allows Moisture Control Design compliant with
✓ EN 15026
✓ ASHRAE 160
✓ DIN 4108



*Passive Purple X is a product name of Passive Purple External and all certifications are that of Passive Purple External.





PASSIVE PURPLE™ EXTERNAL / X



PASSIVE PURPLE™ EXTERNAL FACADE MEMBRANE

Is a ready-to-use, mono-component coating based on pure acrylate polymer dispersion, fillers and additives, that after application with airless spray device or paint roll, dries to form a flexible, watertight and damp-open membrane for the external facade.



allows Moisture
Control Design
compliant with
✓ EN 15026
✓ ASHRAE 160
✓ DIN 4108



FIRE RATED



WHY CHOOSE PASSIVE PURPLE™ EXTERNAL?

✓ **KIWA APPROVED**

✓ **FIRE CLASS B**

✓ **EASY TO APPLY**

Roll or spray applied.

✓ **COST EFFECTIVE**

Using an airless spray device, a single person can cover over to 400+m2 a day of facade! Super fast application.

✓ **SLAB CONNECTIONS**

Completely seal the slabs to the panels/ walls with a perimeter application of Passive Purple Brush or Spray.

✓ **VOC FREE**

Completely VOC FREE so no nasty chemicals in here!



✓ **SERVICE PENETRATIONS**

Service penetrations can be the downfall of any building. Passive Purple and Passive Purple Brush are applied around objects that penetrate any surface of the external envelope sealing where most tapes and membranes fail and are too awkward to apply.

✓ **THINK OF A COLOUR,
AND WE CAN MAKE IT!**



INTELLIGENT MEMBRANES

EXCELLING CHARACTERISTICS OF PASSIVE PURPLE TM EXTERNAL

- ✓ ***FIRECLASS B***
- ✓ ***RAINTIGHT & VAPOUR BREATHABLE***
- ✓ ***AIRTIGHT***
- ✓ ***UV RESISTANT***
- ✓ ***ICC TESTED***
- ✓ ***SELF CLEANING***
- ✓ ***CRACK BRIDGING***
- ✓ ***ANTI-CARBONISATION / ANTI-FUNGUS***
- ✓ ***PROTECTION AGAINST SALTS (FOR ROADS)***
- ✓ ***ADHERES TO ANY FORM OF CONSTRUCTION***
- ✓ ***PASSIVHAUS CERTIFIED***



DID YOU KNOW...

PASSIVE PURPLE TM EXTERNAL IS NOT JUST FOR TIMBER FRAME OR HIGH RISE BUILDINGS, ITS FOR ANY MASONRY BUILD AS WELL. BECAUSE ITS AN ANTI-CARBONISATION PRODUCT IT CAN PROTECT ANY CONCRETE FROM CARBON THAT COULD GET THROUGH TO THE STEEL AND CAUSE DECAY.





PASSIVE PURPLE™ EXTERNAL BRUSH



PASSIVE PURPLE™ EXTERNAL BRUSH

Passive Purple External Brush is a ready-to-use, facade waterproof membrane coating based on specific pure acrylate polymer dispersions. With its fibre reinforced polymer technology, Passive Purple Brush can bridge gaps of up to 7mm – 10mm. Passive Purple External Brush is a UV-resistant and watertight brush-applied membrane used for facades. It is a Fire Class B, S1 product that can adhere to any form of construction.



- ✓ Vapour open and watertight solution
- ✓ Easy application, all you need is a paintbrush!
- ✓ Fire-rated Class B
- ✓ VOC-free and no nasty chemicals
- ✓ Fully flexible solution, so no bending or cracking
- ✓ A highly cost-effective solution
- ✓ Best used for crack bridging
- ✓ For preparation prior to the use of Passive Purple External spray/roll

5 KG



Scan Me





AIRTIGHT TAPES

AIRTIGHT FLEECE TAPE TM



AIRTIGHT FLEECE TAPE TM



INTELLIGENT MEMBRANES **AIRTIGHT FLEECE TAPE**

Available in 75mm, 100mm, 150mm and 200mm roll widths.
All 25m rolls

The very best airtightness tape for windows, gap bridging and connecting joints. Polyamide film covered on one side with a non-woven fleece outer side for external and internal sealing of window connection joints. With strong adhesive coating and a 20mm cornering flange for easy application.

The tape consists of modified polyamide with a fleece-film combination.

The tape is composed of four layers and has a variable SD value.

The aggressive self-adhesion of the full underside makes the tape very easy to install in a completely hidden position in which it can be plastered and painted over.

A version with additional self-adhesive cover on the upper surface is also available.



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INTELLIGENT MEMBRANES



AIRTIGHT TAPES

AIRTIGHT FLEECE TAPE TM

SYSTEM COMPONENTS



Internal window tape



External window tape



Ply box Loft hatch



Inverted OSB light box

- ✓ Moisture-dependent SD value
- ✓ Suitable for retrofit and new construction
- ✓ High adhesive strength of the mounting strips for all types of window frames and masonry substrates
- ✓ Can be installed at low temperature and can be plastered / painted over
- ✓ Stretchable
- ✓ Temperature resistance -40°C to +80°C
- ✓ Shelf life 24 months, dry at room temperature and in the original packaging
- ✓ Weight – approx. 350 g/m² packaging
- ✓ Thickness – approx. 0.55 mm
- ✓ UV stability 12 months, MPA

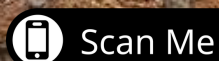
Visit our website for more technical data and information on our tapes.



INTELLIGENT MEMBRANES



LIME PRIME™ | INTERNAL/EXTERNAL PRIMER



LIME PRIME

A WALL CONSOLIDATING PRIMER

Acrylic water-borne ultrafine primer for porous lime and older dusty substrates.

Want to apply Passive Purple on a heritage or retrofit project? Look no further...

Why choose Lime Prime?

Commonly used as a Pre-treatment and commonly before the installation of Passive Purple and Passive Purple External. The use of this primer will consolidate and close off difficult porous substrates like concrete bricks, calcium silicate stone and lime renders.

Application

Apply Lime Prime by roller or low pressure airless spray equipment with just one layer approximately 100 gr/m², depending on the porosity of the substrate.

Works together with Passive Purple, Water based, and Plaster based products.

Due to the high vapour permeability of Lime Prime, it can accommodate subtle movements (without cracking). It sits on top of substrates and works in perfect unison with Passive Purple's (Internal/External) high tensile elongation values and is a perfect solution for older buildings that move a lot.





PRIMER I.M™ | EXTERNAL/INTERNAL PRIMER



SCAN ME



PRIMER I.M

Primer I.M is the choice for old render/lime and can effectively be used as a pre-treatment before installation of Passive Purple External and Passive Purple Internal and other construction materials that require a better adhesive grip. The small molecules within enter deeply into the substrate and once absorbed functions to consolidate as well as a primer.

Application

Apply by roller or a low-pressure airless spray device equipment until saturation of approximately 200 gr/m², depending on the porosity of the substrate.

How does it work differently from Lime Prime?

Used as a pre-treatment (before installation) of Passive Purple External and Passive Purple Internal. It's micro emulsion, small molecular makeup enters deeply into the substrate so it functions to consolidate as well as a primer. To be used on dense substrates: Concreate, (old lime/render).

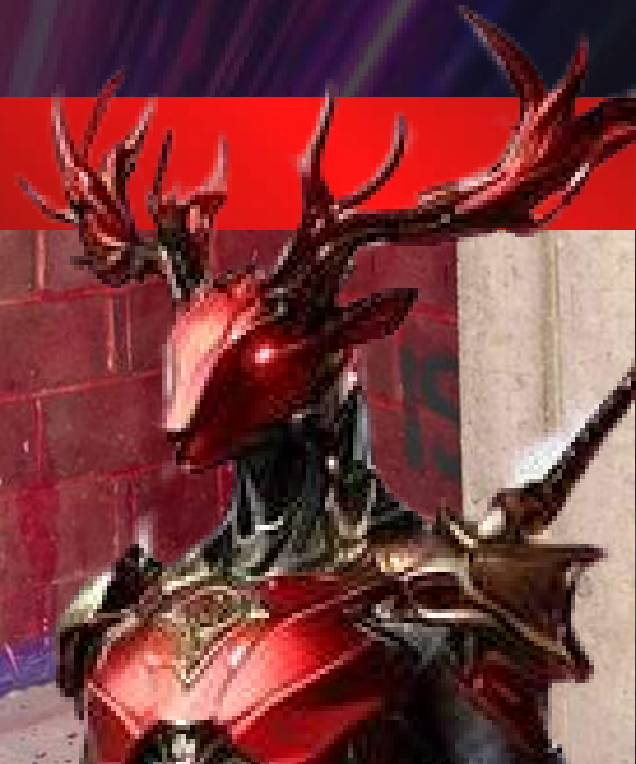
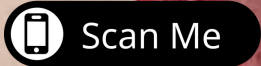
Primer I.M is the right choice for old substates that need consolidation before applying a coating on it

Leaves a tack like dust free substrate for better adhesion!





SUPERGRIP™



SUPERGRIP

SUPERGRIP is a water-borne grit-filled primer, applied to substrates with an uncertain/low adhesive value such as smooth or potentially dusty areas. Used before and/or after the application of Passive Purple, Passive Purple External and Passive Purple X to aid adhesion.

SUPERGRIP is a roll-applied and ready-to-use product with an extremely fast drying time. Once dry, it offers a gritty like textured substrate for the perfect adhesion of other products such as plaster/render and polymer-based products.



- ☒ ***Ready to use***
- ☒ ***Red to indicate coverage***
- ☒ ***Perfect adhesion for finish plaster on Passive Purple or Airtight White***
- ☒ ***Perfect adhesion for plasterboards by dot and dab on Passive Purple or Airtight White***





PROTECTIVE COATINGS

INTELLIGENT PROTECT™



Scan Me



INTELLIGENT PROTECT

TEMPORARY ALUMINIUM / PVC WINDOW, DOOR AND SURFACE PROTECTION

10 KG



INTELLIGENT PROTECT AC/FR

FIRE RETARDANT TEMPORARY ALUMINIUM / PVCU, WINDOW, DOOR AND SURFACE PROTECTION

10 KG



Intelligent Membranes cannot be held liable for any existing damage or damages during or after use on surfaces prior to being protected with Intelligent Protect and Intelligent Protect AC/FR - including possible rust formation and other damaged conditions on surfaces on which Intelligent Protect and Intelligent Protect AC/FR is then applied, as this depends on the state (condition) of the substrate before Intelligent Protect is applied. All substrates should be inspected, clean and damage free or noted prior to install.

7 Day patch test required **NOT FOR WOOD** Vaseline **MUST** be used on all Gaskets before application. Minimum consumptions must be applied.



INTELLIGENT MEMBRANES

WHY CHOOSE INTELLIGENT PROTECT?

APPLY ON WINDOWS AND DOORS TO PROTECT UP TO 18 MONTHS EXTERNALLY AND 24 MONTHS INTERNALLY. EASY SPRAY ON AND PEEL OFF TEMPORARY PROTECTION FOR CONSTRUCTION SITES

✓ **UP TO 24 MONTHS PROTECTION**

Give your windows and surfaces up to 18 months protection externally and up to 24 months internally!

✓ **EASY TO REMOVE**

Once the construction phase has passed and you are ready to remove, simply start from one corner and peel our product away, leaving no marks or sticky residue.

✓ **EXTREMELY WEATHER & UV RESISTANT**

Once applied to the external side of a window or substrate, this product protects against weather conditions and UV resistance for up to 18+ months protection.

✓ **ULTRA TOUGH**

This is an extremely resilient spray-applied product that dries to form a flexible yet robust membrane that fully covers and seals your target area for protection against the rough and unforgiving construction phases of render, plaster, cement, paints, dust, grout, wood and metal shavings, mud, and flying debris from grinding metal and brickwork.

✓ **INTERNAL AND EXTERNAL USE**

This product is developed for use not only internally but externally as well! Giving the user all round protection both sides.

✓ **FROSTED FINISH**

Frosted effect for added privacy and security without blocking natural lighting





PROTECTION WHEN NEEDED MOST.

All your temporary protection needs for the construction industry in one tub! For the temporary protection of all Aluminium, Glass, uPVC, Concrete and Steel.



WHY USE OUR PROTECTION?

Intelligent Protect is unlike any other form of temporary protection. A spray-applied and water-based VOC FREE polymer, Intelligent Protect offers a complete seal to any clean surface substrate that dries itself into an extremely tough polymer membrane. Not made with any harmful chemicals like other fast acting, non-stable products.

Ever had a construction site with filthy windows and doors? Say no more...being UV and weather resistant for external use, that can last for up to 18 months, thereby protecting for the duration of the construction phase!

Let Intelligent Protect take the stress away in protecting your structure components throughout the construction phase and then simply peel away after use, leaving no sticky marks or residue.





PROTECTIVE COATINGS

INTELLIGENT PROTECT AC/FR TM

INTELLIGENT PROTECT

AC/FR



FIRE RETARDANT



PROTECT AC FR IS A TEMPORARY COATING WITH ANTI-CORROSION PROPERTIES.

Intelligent Protect AC FR is a water based, ready to use liquid made of state-of-the-art polymer dispersions and nano corrosion inhibitors. This liquid is applied with an airless spray machine (such as a Graco 595 machine), DO NOT ROLL this product. After application Intelligent Protect AC FR dries to a peelable, temporary, and flexible protective film for use on uncoated steel surfaces where anti-corrosion properties are demanded. Intelligent Protect AC FR is a temporary coating with anti-corrosion properties. It cannot be considered as a permanent anti-corrosion coating.

- ✓ ***UV and weather resistant***
- ✓ ***For internal and external use***
- ✓ ***Substrates that can corrode***
such as steel.



 **SCAN ME**

It is recommended to perform a patch test on steel before use in the conditions it will be exposed to. Minimum consumptions must be applied.

7 Day patch test required

NOT FOR WOOD

Vaseline MUST be used on all Gaskets before application

Intelligent Membranes cannot be held liable for any existing damage or damages during or after use on surfaces prior to being protected with Intelligent Protect and Intelligent Protect AC/FR - Including possible rust formation and other damaged conditions on surfaces on which Intelligent Protect and Intelligent Protect AC/FR is then applied, as this depends on the state (condition) of the substrate before Intelligent Protect is applied. All substrates should be inspected, clean and damage free or noted prior to install. Minimum consumptions must be applied.

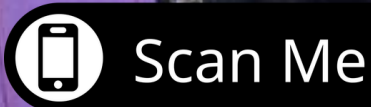


INTELLIGENT MEMBRANES



PROTECTIVE COATINGS

PHUCK OFF™



PHUCK OFF

NO NONSENSE PROTECTION

This brush applied High-visibility version of Intelligent Protect is perfect for any on site surfaces you do not want to get damaged. Not only will it protect surfaces with a temporary paint-on and peel-off film, but make it stand out to an on-site tradesperson, so that they are mindful of the area of potential hazard.

Commonly used on door sills, electrical boxes, plastic bathroom sanitary ware, ground services/manhole covers, traffic barriers, and low hanging fascia's/downpipes/gutters. Don't just protect it, make them aware!



INTELLIGENT MEMBRANES



PHUCK OFF™

Phuck Off protects worktops and expensive goods during construction. It's heavy-duty, hi-vis, easy to apply, easy to remove, and impossible for the weather to damage. Everyone loves it. And understandably so, it's an incredible product. 'Phuck Off' is made from recyclable materials and is able to be reused.

Paint - Protect - Peel

'Phuck Off' is made from recyclable materials and is able to be reused. Selecting Phuck Off Cancer to protect your worktops and expensive goods from the wear and tear of construction is not only doing good for charity, but it's also doing good for the environment.

ADVANTAGES

- Phuck off safety paint
- Up to 18 months protection
- Internal/external use
- Ultra-tough
- Easy to remove
- Extremely weather resistant
- Protect bath tubs
- Protect shower trays
- Protect Induction Hobs
- Sanitary goods
- Kitchen Worktops
- Scratch prone surfaces

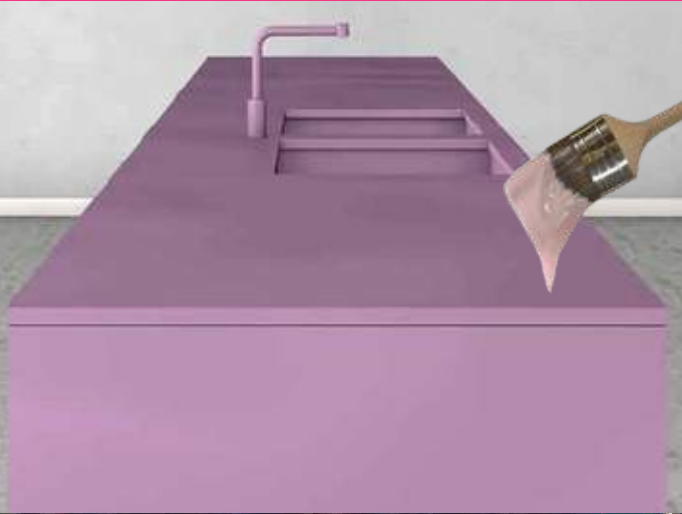


Make the switch to Phuck Off liquid protector film to do your good deeds for the day without compromising a thing on quality. Minimum consumption must be applied.





SURFACE PRO BRUSH™

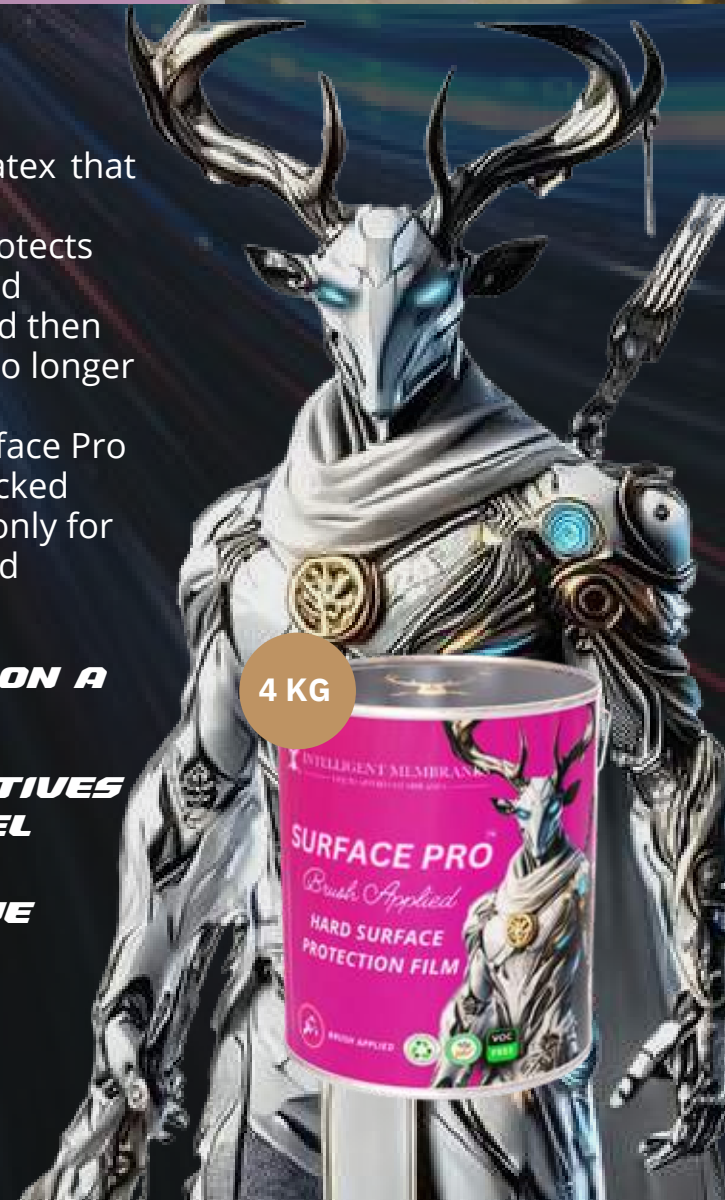


SURFACE PRO BRUSH

Surface Pro is a liquid brush-applied natural latex that goes on pink in colour and then dries to a colourless hard surface protection film that protects the substrates it is adhered to from damages and contaminations. Surface Pro is brush applied and then removed like a rubber film, when protection is no longer required.

As this is a natural latex, it is biodegradable. Surface Pro Brush protects the substrates from damage, tracked dirt, paint spills, dust and contamination and is only for inside use and for protection of shower trays and bathtubs during construction works.

- ✓ **EASY AND QUICK APPLICATION ON A VARIETY OF SUBSTRATES**
- ✓ **SPECIAL ANTI-CORROSION ADDITIVES THAT PROTECT UNCOATED STEEL**
- ✓ **EASY REMOVAL WITH NO RESIDUE**
- ✓ **SOLVENT-FREE**
- ✓ **BIODEGRADABLE**



WHY CHOOSE SURFACE PRO BRUSH – SURFACE PROTECTION FILM?

✓ **NO PLASTIC HERE**

Surface Pro Brush is made of natural latex that is biodegradable

✓ **EASY TO USE**

Surface Pro Brush applies easily with a paintbrush. Once it's pink, it's protected

✓ **USED BY THE BEST**

Surface Pro Brush hard surface protection film is now used by the top ten builders in the UK

✓ **PROTECTS TILED FLOORS**

Surface Pro Brush creates a non-slip, hard surface protection film for your tiles to avoid scuffing and stains. Perfect for bathrooms

✓ **HANDY SIZE**

Surface Pro Brush comes in convenient 4kg tubs designed to minimise the hassle of transporting and carting extra weight around.

✓ **NO FUSS REMOVAL**

Once your project is done, you can simply peel away the Surface Pro Brush protective film

PROTECTION FOR WHEN NEEDED MOST

Fast, durable and has a quick drying time.

No one wishes for scratched shower trays, bathtubs, splash tiles, and other various items and surfaces, so why risk the cost of it? Rapidly apply SURFACE PRO to relieve yourself from the worry of damage costs and cleaning bills.





WEATHERPROOF PROTECTION

PASSIVHAUS BRICK SEAL™



10 KG

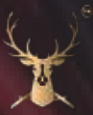


Passivhaus brick seal masonry protection paste is a deep penetrating water-repellent paste for the protection of masonry. The thick, white paste is ready to use and applied by brush or roller. It penetrates deep into the brickwork, masonry, mortar and concrete, where it will cure to a colourless, natural finish, lasting for a minimum of 15 years. Passivhaus brick seal paste can help improve the energy efficiency of dwellings by reducing heat loss and cold bridging via water ingress/impregnation at freezing temperatures.

- ✓ **SINGLE COAT SYSTEM**
- ✓ **ALLOWS THE WALL TO REMAIN BREATHABLE**
- ✓ **APPLY BY BRUSH OR ROLLER**
- ✓ **LONG LASTING WATER-REPELLENT**



INTELLIGENT MEMBRANES



WATERPROOFING

WATERPROOF BLUE / LIQUID DPM TM



SCAN ME



WATERPROOF BLUE LIQUID DPM TM

How does it work?

Waterproof Blue is an all-in-one solution for waterproofing before tiling in bathrooms, wet rooms, and concrete floors. This advanced polymer-based waterproof paint dries to form a flexible membrane that offers exceptional crack-bridging properties, ensuring long-lasting protection and durability.

Application with an airless spray device, roller or paintbrush. No corner reinforcements are needed.

SUITABLE SUBSTRATES:

- Concrete and bricks / Cement-based plaster, water-resistant boards / existing tiled floors

Engineered to meet the highest industry standards, Waterproof Blue is also UV stable, ensuring long-term durability even under direct sunlight. Whether you're working on a new build or a refurbishment project, Waterproof Blue is your go-to choice for reliable and robust waterproofing. Choose Waterproof Blue for peace of mind, knowing your structure is protected against water damage and built to last.

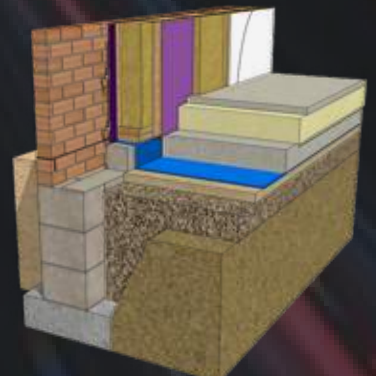
10 KG



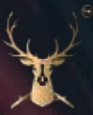
5 KG



Timber frame wall - Insulation above slab



INTELLIGENT MEMBRANES



WATERPROOFING

POSEIDON TM

12 KG



POSEIDON - THE GOD OF WATERPROOFING

Poseidon Liquid Applied Waterproof Membrane is a polymer-based coating that dries to form a flexible, durable membrane after application. It offers excellent crack-bridging properties, making it ideal for waterproofing concrete and cement surfaces in areas like showers, bathrooms, steam rooms, and wet rooms that require waterproofing before tiling.



Copagro Acryl-DSP is a high-quality flexible acrylic sealant for finishing connection joints. Its incredible water-resistant properties make it perfect for use in conjunction with Poseidon waterproof membrane paint to form a watertight tanking system.



EAD 030352-00-0503



INFINITN LNB

ASTM AND EN TESTED

European Technical Assessment found that Copagro Acry-DSP is ideal for use in the reinforcement of inward and outward corners



INTELLIGENT MEMBRANES



WATERPROOFING

POSEIDON TM

Apply with an airless paint spray machine, roller or paintbrush. No corner reinforcements are needed.

Poseidon protects against damages until tiling is applied Ensures ventilation in case of high humidity

Do not apply on:

- Bitumen or asphalt containing surfaces;
- Surfaces with continuous water contact or water pressure; - Areas of moving cracks;
- Surfaces not suitable for application of water born coatings.

Even a storm conjured up by the ancient Greek God Poseidon couldn't get through this expert damp proofer. If you want to keep water (vapour) out, then Poseidon is the protection liquid membrane to apply.

PERFECT FOR MANY AREAS PRIOR TO TILING

- ☒ BATHROOMS
- ☒ STEAM AREAS
- ☒ WET ROOMS

HOW TO APPLY



ROLLER



BRUSH



SPRAY GUN

WHAT MAKES POSEIDON UNIQUE?

It's a complete vapour block and no mesh corner reinforcements are needed. Highly flexible and fast application.

TECHY CORNER:

Poseidon is a liquid applied membrane that is polymer based and dries to a flexible membrane after application.

SUITABLE APPLICATIONS

- ☒ CONCRETE/BLOCKS
- ☒ CEMENT BASED PLASTER
- ☒ WATER-RESISTANT PLASTERBOARDS
- ☒ EXISTING TILE FLOORS AND WALLS
- ☒ BRICKS
- ☒ OTHER SUBSTRATES SUITABLE FOR WETROOMS



 Scan Me



INTELLIGENT MEMBRANES



WATERPROOFING



POSEIDON TM

Intelligent Membranes Extends Charity Support To Blue Ribbon Foundation

The Blue Ribbon Foundation is a charity focused on men's physical and mental wellbeing, with three key objectives:

- ***To raise awareness of male health issues***
- ***To encourage men to take positive action to safeguard their health and wellbeing, including encouraging men to visit their doctor more often.***
- ***To use the Blue Ribbon as a 'rallying banner' to help bring about awareness, including encouraging other male health charities to adopt the Ribbon.***



"Through the Intelligent Membranes brand, we're looking forward to promoting The Blue Ribbon Foundation to raise awareness of this cause"



INTELLIGENT MEMBRANES



WATERPROOFING

THE GOAT TM



SCAN ME

THE GOAT TM

The Greatest Of All Time

IDEAL FOR

Waterproofing of structures in concrete or masonry, such as basement walls, basement roofs, roof's, foundations, terraces, balconies and pipe penetrations.

HOW TO APPLY



BRUSH



ROLLER, POUR, SPREAD

WHAT MAKES THE GOAT UNIQUE?

Unlike normal paints which need a temperature of 5 degrees or higher, The Goat can go on damp surfaces on temperatures of 0 degrees. It can handle positive and negative pressure, can be left exposed and it's UV resistant. It's fast curing and water repellent in 12 seconds!



INTELLIGENT MEMBRANES



THE GOAT TM

TECHY CORNER:

The Goat is a quick drying, reactive polymer. It's solvent free, and can adhere to a vast array of surfaces and pipe penetrations.

- ✓ CONCRETE BLOCKS/BRICKS
- ✓ CONCRETE
- ✓ PLASTIC
- ✓ VARIOUS METALS
- ✓ UPVC

INNOVATIVE FAST-DRYING, MONO-COMPONENT REACTIVE WATERPROOF COATING. ENVIRONMENTALLY FRIENDLY.

The GOAT is a reactive polymer, with quick drying times, and is an innovative solvent-free waterproofing coating. It is applied by brush or roller to form a waterproof and flexible membrane, with excellent adhesion to various surfaces and good UV resistance. It can also be applied on damp surfaces.

The GOAT waterproof coating is suitable for both horizontal and vertical applications and can withstand both positive and negative water pressure.

Described as the "Mac Daddy" of damp proof paint due to its versatility and reliability, The GOAT really is the 'The GOAT' when it comes to damp proofing your build. Tackling a commercial project like a multi-storey development? You need The GOAT as part of your team.

ADVANTAGES

- ✓ CRACK BRIDGING AND ELASTIC
- ✓ WATERPROOFING FOR BOTH POSITIVE AND NEGATIVE PRESSURE
- ✓ RESISTANT TO FREEZE-THAW CYCLES
- ✓ FAST RAIN RESISTANT
- ✓ CAN BE USED ON DAMP SURFACES
- ✓ FREE OF ISOCYANATES

18 KG

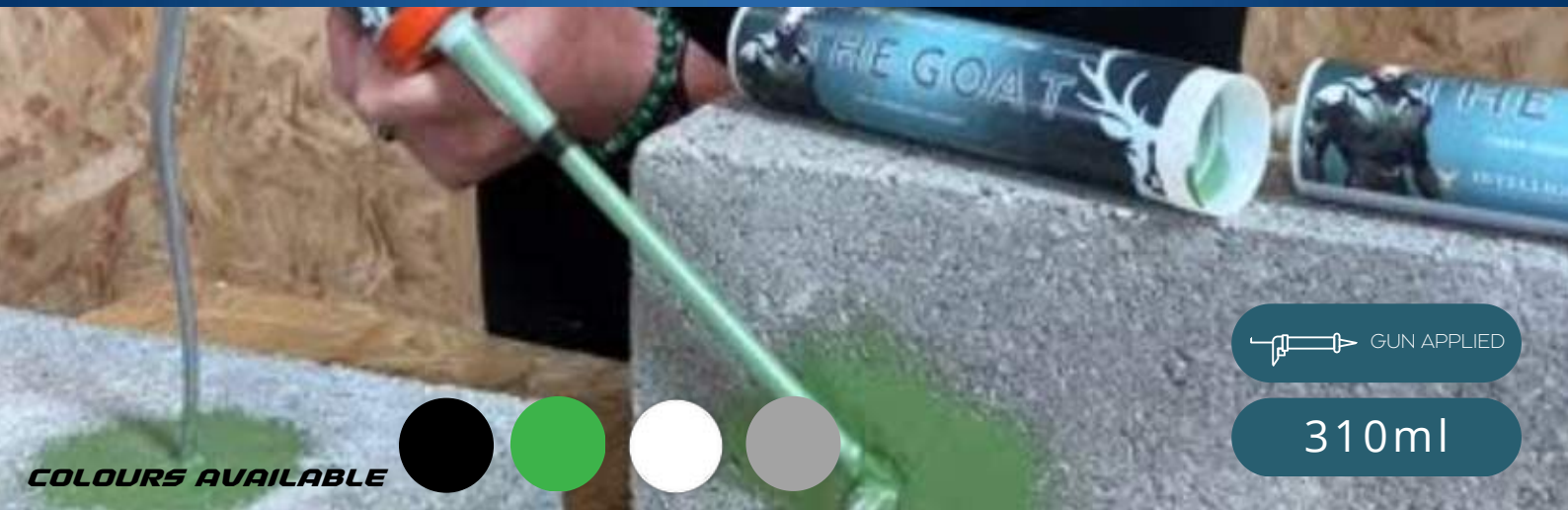
7.5 KG





WATERPROOFING

THE GOAT TM SEALANT



 GUN APPLIED

310ml

COLOURS AVAILABLE



THE GOAT LIQUID GROMMET – AIRTIGHT & FLEXIBLE SEALANT

Why Choose Our Liquid Airtight Grommet?

Flexibility Like Never Before

Traditional plastic grommets are limited in shape and size, often leading to awkward fits and compromised seals. Our Liquid Airtight Grommet adapts seamlessly to any size or shape, filling every nook and cranny to create a perfect, customized airtight seal. No matter how irregular the opening, our liquid grommet flows and forms an impenetrable barrier where plastic grommets fall short.

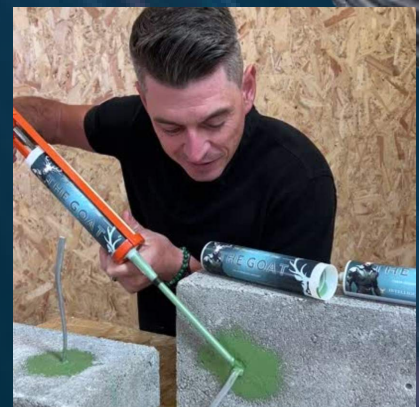
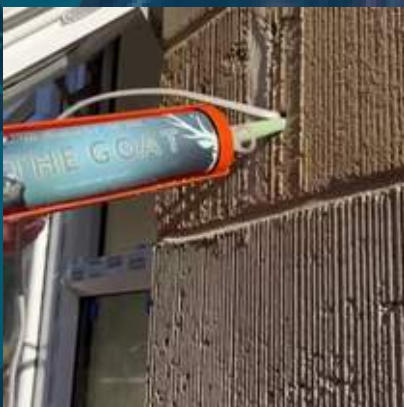
Energy Efficiency Redefined

By using our Liquid Airtight Grommet, you dramatically reduce air leakage, helping to keep your building warm in the winter and cool in the summer. This improves the overall energy efficiency of your project, reducing heating and cooling costs while lowering your carbon footprint. It's a smart, sustainable choice for any modern construction.

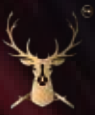
 **GOOD UV RESISTANCE**

 **VOC-FREE**

All the same characteristics as the G.O.A.T., but in a tube!



INTELLIGENT MEMBRANES



FRED™



SCAN ME

PERFECT WITH
PASSIVE PURPLE &
PASSIVE PURPLE X



FRED

Water based Non Combustible
intumescent coating for use on steel,
wood,
insulation and mineral substrates.

Certified Class A, s1, D0 (EN13501).

DESCRIPTION

FRED is a waterborne intumescent coating which, once dried, will stop or strongly retard the passage of fire through the substrate it is applied on.

FRED inhibits the formation of toxic fumes generated by fires to insulation, plastics etc.

- ✓ LOW TO ZERO IGNITABILITY
- ✓ LOW HEAT RELEASE
- ✓ HIGH FIRE BARRIER CAPACITIES DUE TO FORMATION OF RAISED CHARRING AND HENCE VOLUME INCREASE BY 1000% WHEN EXPOSED TO FIRE
- ✓ DRIES QUICKLY
- ✓ CLASS A INTUMESCENT PAINT WITH A 25 MINUTE WARRINGTON FIRE TEST RATING
- ✓ VOC/SOLVENT FREE
- ✓ CAN BE USED ON MOST COMMON CONSTRUCTION MATERIALS SUCH AS CONCRETE, STEEL, TIMBER AND POLYURETHANE FOAM.
- ✓ NO PRIMER NEEDED ON MOST SURFACES





INTELLIGENT AIRTIGHT LIQUID VAPOUR CONTROL MEMBRANE

HIGH - RISE AIRTIGHT & FIRE PROTECTION SYSTEM

PASSIVE PURPLE[™] INTELLIGENT MEMBRANE



Passive Purple & **FRED**, when combined, create a cutting-edge **fire-retardant** and **airtight vapour control** system engineered for maximum performance. Designed for demanding construction projects, from Passivhaus builds to **high-rise** developments, this innovative solution delivers exceptional fire resistance, **superior airtightness**, and advanced vapour control. As a **Class B** High-Rise Airtight & Fire Protection System, it meets the **strict requirements** of tall buildings



Fire Class B Certified (EN 13501-1)
when used together



Meeting Passivhaus, EnerPHit,
and High-rise Building
Regulations



Superior Fire Retardancy &
Intumescent Properties



VOC-Free, Water-Based
Formulation



Resistant to Radon Gas &
High Temperatures



Strong Adhesion to Multiple
Substrates



INTELLIGENT MEMBRANES



ASBESTOS ENCAPSULATION

SOTERIA™ | ASBESTOS ENCAPSULATION



Scan Me



ENCAPSULATION COATINGS FOR ASBESTOS CONTAINING SURFACES

Asbestos sprayed coating is an elastic and crack bridging coating consisting of modified polymers and special additives to encapsulate asbestos containing surfaces such as roofing and insulation materials, paints and renders.

- ✓ ***High capacity to consolidate and encapsulate asbestos containing surfaces***
- ✓ ***High crack bridging and elastic to ensure durable encapsulation***
- ✓ ***Weather resistant; resistant to chlorides and carbonation.***
- ✓ ***Solvent free.***
- ✓ ***Also available in a version with EXOVA fire class certificate EN13501 (class B)***



INTELLIGENT MEMBRANES



PASSIVE PURPLE™ INSTALL SERVICE

Whether you're building to Passivhaus, EnerPHit, or simply aiming to reduce energy loss, our consultation sets the tone for airtight success.



✓ **Project Consultation**

Before we even step on site, we make sure your project is airtight. Our team carefully reviews your architectural drawings and building specifications to understand every detail. We identify critical airtightness zones, junctions, and potential risk areas to ensure nothing is overlooked. Based on your construction type, location, and performance goals, we recommend the most effective Intelligent Membranes solutions. We also provide expert guidance on sequencing, helping you avoid delays and ensure perfect compatibility between trades.

✓ **Planning & Preparation**

We identify, mark, and detail all critical junctions, from window reveals and floor-to-wall connections to pipe penetrations and service voids. We make sure every substrate is clean, dry, and correctly primed where required, because smart preparation prevents performance failures. An optional site visit allows us to assess substrate conditions and access points in person. We then collaborate with your team to plan safe, efficient logistics, setting the foundation for a flawless installation.

✓ **Professional Installation**

Applied with precision by certified experts. All Intelligent Membranes products, including Passive Purple, Airtight White, and Passive Purple External, are installed by our fully trained professionals. Using airless spray, rollers, or brushes as required, we ensure every junction and overlap is sealed flawlessly, following exact thickness and curing specifications.





PASSIVE PURPLE™ INSTALL SERVICE

✓ **Air Test & Quality Assurance**

Results you can measure and trust.

After installation, airtightness testing is carried out by an accredited third-party specialist to verify performance. If any issues arise, we work directly with your team to identify and resolve them quickly on-site. Random spot checks further confirm long-term product integrity, ensuring your building stays airtight and future-ready.

✓ **Certification & Handover**

Airtight results, with proof to back them up.

Upon completion, you'll receive a project-specific certificate confirming installation details and verified airtightness test results.

Your documentation pack includes product data, application methods, dates, and batch information, ready for Passivhaus or EnerPHit certification.

And our support doesn't end there, we're always available for aftercare, future phases, and follow-up testing.

We aim for 0.6 ACH or better, and we back it up with real testing.





INTELLIGENT MEMBRANES

#NETZEROHERO



WEBSITE LINK

WWW.INTELLIGENTMEMBRANES.COM