

Liquid Airtight Membranes

water based, VOC free, flexible airtight coatings



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LIQUID LIQUID APPLIED
AIRTIGHT MEMBRANES

welcome to the next generation of airtightness

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LIQUID BRUSH



Why Blowerproof®

Blowerproof Liquid 'Brush' is a VOC free, water based, flexible, fibre reinforced, polymer providing a unique and sustainable solution for the production of airtight building connections in both new build and retrofit.

The water based polymer is brush applied to create an uninterrupted air and vapour-tight seals around penetrations, and for floor / wall connections, wall / ceiling joints, and roof connections.

Blowerproof liquid creates a seamless, continuous air and vapour-tight seal over cracks and gaps. Because the seal perfectly follows the contours of the substrate and in combination with the high flexibility and superior adhesion, the connections remain airtight over the long term. Blowerproof liquid is the fast, flexible and durable solution for all airtight connections.

Ultimate peace of mind

- ✓ BBA Certified
- ✓ Forms permanent seamless airtight seal
- ✓ Flexible
- ✓ Can be over painted or plastered
- ✓ No VOC's
- ✓ Use on any surface
- ✓ Very quick to apply
- ✓ Clean with water



Request a sample

Why not see for yourself how easy it is to create a perfect airtight seal around even the most difficult penetrations or connections, call or email us to receive your free sample.



Applications

Blowerproof Liquid membranes are highly versatile that provide a secure and permanent airtight seal ; they are simple, quick and easy to apply. Blowerproof Liquid membranes can be used on a wide variety of common building surfaces and even on damp substrates. Super fast application rates and proven performance make this a guaranteed way to save you money and deliver a long lasting secure airtight seal. Blowerproof is designed to give ultimate peace of mind.



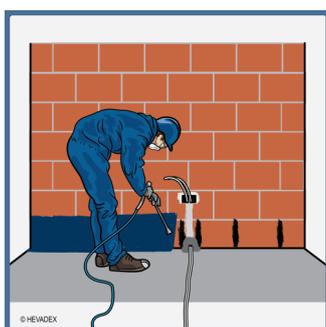
Wall/ceiling connections are easily and quickly sealed with Blowerproof brush or spray even on different types of material such as brick, concrete or steel. Different materials react differently to changes in humidity and temperature, which can lead to small cracks in plaster or other finishes leading to air leaks. Applied in two coats second coat must only be applied when the first coat has turned completely black.

Pipe penetrations gaps around penetrations are one of the main contributors to failing airtightness tests. Sealing is so simple with Blowerproof: first fill any gaps around the pipes with rapid setting cement or polyurethane foam and apply 2 layers of Blowerproof Liquid Brush with a flat paintbrush. Seals easily and quickly round any shape especially useful for retrofit and difficult to access applications.



Window jambs are so simple and quick to seal, first fill larger gaps between the window frame and the wall with PU foam, then apply protection tape on the profiles at about 5mm from the side, next simply brush on Blowerproof Liquid Brush directly onto the wall and window surfaces (and over the hardened gap filling foam) remove the tape immediately after application, any spills can be easily cleaned with water.

Walls can be a problem to make fully and reliably airtight, not so with Blowerproof liquid spray. Spray application ensures complete and secure coverage in double quick time. Blowerproof can be directly applied over a wide range of substrates including brick, masonry, concrete, timber, plaster, render and even mineral wool insulation. Treated surfaces can be overpainted, plastered or rendered directly onto the Blowerproof, also available in white for use under finish plaster.



Floor/wall connections are a vital area to seal in order to meet high levels of airtightness, once a floor covering is in place it's very difficult to rectify leaking connections. Apply Blowerproof to dust free, solid surfaces fill cracks or gaps beforehand: large holes and joints > 5mm can be repaired with a fast setting cement based product or PU foam, small holes and joints 2-5mm can be sealed with Blowerproof Liquid Brush.

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Products

Whichever version you choose Blowerproof is a versatile product that provides a secure and permanent airtight seal that is simple, quick and easy to apply. Blowerproof can be used on a wide variety of common building surfaces and even on damp substrates. With super fast application rates this is a guaranteed and proven way to save you money and give long lasting secure airtight seal. Blowerproof is designed to give ultimate peace of mind.



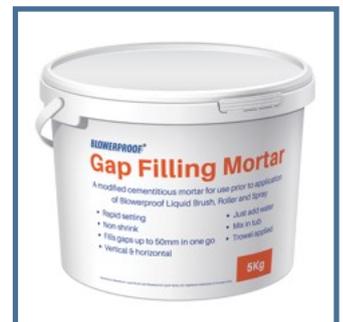
Liquid Brush—Blue Available in 5Kg and 2.5Kg tubs this is the most widely used form of Blowerproof. The fibre reinforced polymer has a viscous consistency not unlike mayonnaise, and simply brushes on. Two coats are normally recommended, apply the second when the first coat has turned from blue to black. Maximum thickness per layer 5-7mm maximum total thickness 10-14mm. Apply to any dust free stable surface. Gaps wider than 5mm should be filled with Blowerproof gap Filling Mortar.

Liquid Brush –White Available in 5Kg tubs only Blowerproof White is designed for use where a plaster coat will be applied directly on top. Perfect for the sealing of plasterboard, MgO and other mineral plaster carrying boards a single coat applied at 5mm maximum depth will ensure a discreet yet perfect airtight seal. Apply to any dust free stable surface. Gaps wider than 5mm should be filled with Blowerproof gap Filling Mortar.



Blowerproof Brush Blue—cartridge the 300gram cartridge allow precise and targeted application of Blowerproof Brush Blue to areas such as window jambs, door jambs penetrations and difficult to reach applications. Apply as a single or double bead then brush finish to ensure a complete seal. The product can be used for sealing between boards and for perimeter joints, ensure the total applied depth does not exceed 10mm.

Blowerproof Gap Filling Mortar Sealing gaps in a building is critical to achieving good airtightness. For gaps greater than 5mm use Blowerproof non shrink gap filling mortar, less toxic and more cost effective than foams our mortar will not shrink or bleed. Use to fill gaps greater than 5mm prior to application with Blowerproof Brush or Spray.



Blowerproof Liquid Spray A spray applied version, perfect for larger areas or direct application to insulation, masonry, brick and a wide range of substrates. Blowerproof Liquid Spray is the go-to solution for commercial and large projects where significant savings can be made due to its rapid rate of application. Blowerproof Liquid Spray is only available through approved applicators. Please call for more information or for a quote.

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NEXT GENERATION AIRTIGHTNESS

Technical summary

TEST	NORM	VALUE
Damp diffusion resistance factor	EN ISO 12572 (2001)	$\mu = 35967$
Adhesion on red brick Porotherm (dry)	ISO4624 (2002)	1,9 N/mm ² (v)
Adhesion on red brick Porotherm (moist)	ISO4624 (2002)	2,5 N/mm ² (v)
Adhesion on concrete brick (dry)	ISO4624 (2002)	2,7 N /mm ² (v)
Adhesion on concrete brick (moist)	ISO4624 (2002)	2,5 N /mm ² (v)
Adhesion on Ytong block (dry)	ISO4624 (2002)	0,44 N /mm ² (v); 100% failure in substrate
Adhesion on Ytong block (moist)	ISO4624 (2002)	0,44 N /mm ² (v); 100% failure in substrate
Adhesion on PVC window profile (zendow)	ISO4624 (2002)	1,5 N /mm ² (v)
Adhesion on PVC window profile (smooth)	ISO4624 (2002)	0,83 N /mm ² (v)
Adhesion on aluminium window profile	ISO4624 (2002)	2,5 N /mm ² (v)
Adhesion on EPDM (« Tridex »)	ISO4624 (2002)	1,5 N /mm ² (v)
Adhesion on roofing	ISO4624 (2002)	0,4 N /mm ² (v); 100% failure in substrate
Adhesion of plaster (knauf MP75) on Blowerproof Liquid Brush	ISO4624 (2002)	0,81 N /mm ² (v); >30% failure in the plaster
Elongation	NBN EN 12311-1 (1999)	120% 42 N/50mm ² tensile strength
Flame propagation	EN ISO 11925-2	<150 mm
Fire reaction	EN ISO 11925-2	NO
VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	 



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