

BLOWERPROOF[®]
LIQUID BRUSH

**Water based, VOC free, fibre reinforced polymer emulsion applied with paintbrush.
Dries to form a continuous, permanent, flexible airtight seal.**

**DESCRIPTION**

BLOWERPROOF LIQUID BRUSH is a VOC free, polymer based paste that is applied with a paintbrush and dries to form an airtight flexible coating with good adhesion on different substrates. This product is ready-to-use and can be applied both vertically and horizontally.

AREAS OF USE

- » Floor/wall connections
- » Wall/ceiling connections
- » Window/wall connections
- » Pipe penetrations
- » Walls
- » Wall/wall connections
- » Vertical and horizontal joints
- » Curtain walls
- » Wall/roof connections (steel deck)

APPLICATION**PRIOR TO STARTING THE APPLICATION:**

- » Remove salt efflorescence, dust and loose parts from the surface, remove surface contaminants which may affect adhesion. Remove standing water.
- » Fill holes and joints > 3mm with **BLOWERPROOF GAP FILLING MORTAR** or other fast setting cement based product or polyurethane foam
- » Do not apply **BLOWERPROOF LIQUID BRUSH** at < 5°C (including substrate surface temperature).
- » Application on humid (but hand dry) surfaces is allowed.

APPLICATION

- » **BLOWERPROOF LIQUID BRUSH** is ready-to-use; stir before use. Do not dilute with water or solvents.
- » Apply with a flat paintbrush, suitable for water-based paints. Apply in two layers, the second layer after complete drying of the first layer. Total advised indicative consumption: 0.5 - 1 kg/m².
- » Clean paint brush and other tools with water.
- » During drying avoid contact with any type of water, liquids or other construction products.
- » Complete drying is required prior to applying another product on **BLOWERPROOF LIQUID BRUSH** (such as plaster). Drying time may vary and depends on local conditions and condition of the substrate. Indicative: 24 - 48 hours.
- » For large applications we recommend **BLOWERPROOF LIQUID SPRAY** applied with an airless paint spray machine. Please contact us to locate an approved installer.

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A detailed application guide is available on request.

CHARACTERISTICS

Test reports are available on request

TEST REPORTS AND CERTIFICATIONS

This table contains average values from independent test reports and certifications. Values obtained after ageing of the samples are marked with « v ».

TEST INSTITUTE	TEST	NORM	VALUE
bbri.be	Damp diffusion resistance factor	EN ISO 12572 (2001)	$\mu = 35967$
BBA	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination
BBA	Elongation	BS EN ISO 527-3	264% (average value)
BBA	Elongation after ageing	BS EN ISO 527-3	262,7% (average value)
bbri.be	Adhesion on red brick Porotherm (dry)	ISO4624 (2002)	1,9 N/mm ² (v)
bbri.be	Adhesion on red brick Porotherm (moist)	ISO4624 (2002)	2,5 N/mm ² (v)
bbri.be	Adhesion on concrete brick (dry)	ISO4624 (2002)	2,7 N /mm ² (v)
bbri.be	Adhesion on concrete brick (moist)	ISO4624 (2002)	2,5 N /mm ² (v)
bbri.be	Adhesion on Ytong block (dry)	ISO4624 (2002)	0,44 N /mm ² (v); 100% failure in substrate
bbri.be	Adhesion on Ytong block (moist)	ISO4624 (2002)	0,44 N /mm ² (v); 100% failure in substrate
bbri.be	Adhesion on PVC window profile (zendow)	ISO4624 (2002)	1,5 N /mm ² (v)
bbri.be	Adhesion on PVC window profile (smooth)	ISO4624 (2002)	0,83 N /mm ² (v)
bbri.be	Adhesion on aluminium window profile	ISO4624 (2002)	2,5 N /mm ² (v)
bbri.be	Adhesion on EPDM (« Tridex »)	ISO4624 (2002)	1,5 N /mm ² (v)
bbri.be	Adhesion on roofing	ISO4624 (2002)	0,4 N /mm ² (v); 100% failure in substrate
bbri.be	Adhesion of plaster (knauf MP75) on Blowerproof Liquid Brush	ISO4624 (2002)	0,81 N /mm ² (v); >30% failure in the plaster
UNIVERSITY OF GHENT (BELGIUM)	Airtightness floor/wall after ageing	NBN EN 12114:2000 Eurocode 7	0,05 M ³ /H.M (50BAR) (V)
warringtonfiregent	Flame propagation	EN ISO 11925-2	<150 mm
warringtonfiregent	Fire reaction	EN ISO 11925-2	NO
VIT	VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	

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ADDITIONAL TEST REPORTS

BCB	Airtightness of floor/wall connection
BCB	Airtightness of window jambs
BCB	Airtightness of pipe penetrations
BCB	Airtightness of entire walls, with anchored insulation
Airtightness reports (blower door) from completed projects	

OTHER CHARACTERISTICS

- › Average consumption: 0,5 - 1 kg/m² (indicative, depending on substrate)
- › Density: +/- 1,15 kg / litre
- › Available colours:
 - blue (drying to black airtight coating)
 - white (drying to white airtight coating)
- › Indicative drying time: 0.5 to 24 hours (depending on substrate temperature, air humidity, applied layer thickness and ventilation).
- › Storage: 5 – 20 °C; stored dry, out of direct sunlight; conservation: 12 months from date of production, original unopened packaging.

PACKAGING

5kg pails – pallet : 60 x 5 kg

SAFETY

Consult the safety data sheet prior to application. Always work in well-ventilated areas. Avoid skin contact when product is in wet condition. Wear eye protection, mouth mask, gloves and safety wear during application.

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