

BLOWERPROOF[®] **LIQUID BRUSH**

APLICARE cu

pensula



**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.

A DETAILED APPLICATION GUIDE IS AVAILABLE ON REQUEST.

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CHARACTERISTICS

Testreports are available on request

TESTREPORTS 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	Zero VOC (VOC, TVOC, carcinogenics, ammonia, formaldehyde)	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	A+ M1

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ADDITIONAL TESTREPORTS

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 (blowerdoor) of realized 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.
- » 300 gram cartridges – box: 12 cartridges
- » 2,5 kg pails – pallet: 105 x 2,5 kg
- » 5 kg pails – pallet : 60 x 5 kg

PACKAGING

SAFETY

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



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