

BLOWERPROOF[®]

LIQUID BRUSH

APPLY WITH

paintbrush



**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.

BLOWERPROOF®

LIQUID BRUSH

APPLY WITH

paintbrush


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
	Damp diffusion resistance factor	EN ISO 12572 (2001)	$\mu = 35967$
	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination
	Elongation	BS EN ISO 527-3	264% (average value)
	Elongation after ageing	BS EN ISO 527-3	262,7% (average value)
	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
UNIVERSITY OF GHENT (BELGIUM)	Airtightness floor/wall after ageing	NBN EN 12114:2000 Eurocode 7	0,05 M ³ /H.M (50BAR) (V)
	Flame propagation	EN ISO 11925-2	<150 mm
	Fire reaction	EN ISO 11925-2	NO
	Zero VOC (VOC, TVOC, carcinogenics, ammonia, formaldehyde)	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	

BLOWERPROOF[®]

LIQUID BRUSH



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 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 applicati



DATE OF THIS EDITION: 23/02/2017

Our general conditions of sale apply. This document does not have a contractual value. This technical data sheet replaces and annuls the previous edition. The information given in this sheet has the purpose to inform and advice you. Hevadex bvba reserve the right to amend or change this information without notice. All information is given in good faith and without any warranty. The application, use and processing of these products are beyond our control and therefore the entire responsibility of the user/client/applicator. The user of the product must test the product's suitability and apply for the intended purpose. Established liability if any for any reason is always limited to the value of the goods supplied by HEVADEX bvba. The products and systems are manufactured under total quality management. HEVADEX bvba reserves the right to change the properties of its products. Users must always refer to the most recent issue of the local Product Data Sheet, copies of which will be supplied on request.