

BLOWERPROOF® LIQUID

Hi-technology polymer emulsion that dries to form
a permanent flexible airtight membrane.
Apply with an airless paint spray machine.



DESCRIPTION

BLOWERPROOF LIQUID is a voc free polymer based liquid, that is applied with an airless paint spray device and dries to an airtight flexible coating with a good adhesion on different surfaces such as concrete, brick, wood, ...

Field of use:

- » Floor/wall connections
- » Wall/ceiling connections
- » Entire walls
- » Wall/wall connections
- » Vertical and horizontal joints

APPLICATION

PRIOR TO STARTING THE APPLICATION

- » Remove salt efflorescence, dust, loose parts and standing water from the surface.
- » Apply on a closed surface; if necessary, fill holes and joints with a fast setting cement based product or polyurethane foam; Apply BLOWERPROOF LIQUID BRUSH on holes and joints < 5mm.
- » Do not apply BLOWERPROOF LIQUID at T < 5°C (also substrate temperature)
- » Application on humid surfaces is allowed, but remove standing water.

APPLICATION

- » BLOWERPROOF LIQUID is ready-to-use; mix with hand mixer before application. Do not dilute with water or solvents.
- » Apply with an airless paint spray device. - Kindly contact us for more information: info@hevadex.be
- » Cleaning airless device: with water.
- » Apply BLOWERPROOF LIQUID in two layers, at a total consumption of 0,5 - 1 kg/m².
- » Complete drying is requested prior to applying another product on BLOWERPROOF LIQUID (such as plaster). Drying time may vary and depends on local conditions and condition of the substrate.
Indicative: 24 - 48 hours.

BLOWERPROOF[®] LIQUID

CHARACTERISTICS & CERTIFICATIONS

TEST INSTITUTE	TEST	NORM	VALUE
GHENT UNIVERSITY	Airtightness floor/wall connection after simulated ageing of the structure	NBN EN 12114:2000 (standard: eurocode 7)	0,05 M ³ /H.M (50bar)
TESTING BY BCB BlowerDoor GmbH MessSysteme für Luftdichtheit	Airtightness of walls made of concrete bricks	A+: < 0,10 (Standard according PassivHaus)	0,04 M ³ /H.M ²
bbri.be	Damp diffusion resistance factor	EN ISO 12572 (2001)	20 – 35 m (0,3 – 0,5 mm dry film thickness)(*) (*)calculated value based on μ : 76000
BBA bbri.be	Sd value humidity variable	EN ISO 12572 (2001)	0,8 – 40 m
BBA bbri.be	g-value	EN ISO 12572 (2001)	100 – 175 MN.s/g (0,3 – 0,5 mm dry film thickness) (*)calculated value based on μ : 76000
BBA bbri.be	g-value humidity variable	EN ISO 12572 (2001)	4 – 200 MN.s/g
BBA	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination
BBA	Elongation	BS EN ISO 527-3	350,5% (average value) 325,2% (average value after ageing)
bbri.be	Adhesion on red brick	ISO4624 (2002) <i>Values after artificial ageing of sample membrane</i>	Dry surface: 1,5 N/mm ² Moist surface: 1,4 N/mm ² (v)
bbri.be	Adhesion on concrete brick		Dry surface: 1,9 N /mm ² Moist surface: 1,6 N/mm ² (v)
bbri.be	Adhesion on calcium silicate stone (Ytong) (dry – moist surface)		Adhesion value exceeding substrate strength (0,7 – 0,8 N/mm ²)
bbri.be	Adhesion on gypsum block (Isolava)		1,6 N /mm ²
bbri.be	Adhesion on OSB wood		Adhesion value exceeding substrate strength (0,6 N/mm ²)
bbri.be	Adhesion on multiplex wood		Adhesion value exceeding substrate strength (0,6 N/mm ²)
bbri.be	Adhesion on steel		2,7 N /mm ²
bbri.be	Adhesion on EPDM (« Tridex »)		1,3 N /mm ² (v)
bbri.be	Adhesion on roofing		Adhesion value exceeding substrate strength (0,7 N/mm ²)
bbri.be	Adhesion of sprayed plaster (knauf MP75) on Blowerproof Liquid		Adhesion value exceeding substrate strength (0,4 N/mm ²)
bbri.be	Adhesion of thin plaster (ALLTEC) on Blowerproof		0,8 N /mm ² (v);



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TEST INSTITUTE	TEST	NORM	VALUE
	Euroclassification – Fire	EN13501-1	C-S1,D0
	Free from VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	
	Methane permeability	ISO 15105	62 – 75 cm ³ (STP)·mm·m ⁻² ·day ⁻¹ ·atm ⁻¹
PRAGUE TECHNICAL UNIVERSITY	Radon diffusioncoefficient	K124/02/95	3,3 x 10 ⁻¹²

- » Average consumption: 0,5 - 1 kg/m² (indicative, depending on substrate)
- » Density: +/- 1,2 kg / litre
- » Temperature resistance after drying: -40°C – 90°C
- » 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

10kg pails – pallet : 44 x 10 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. Requested to wear eye protection, mouth mask, gloves and safety wear during application.

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