

# BLOWERPROOF® LIQUID BRUSH



High technology, fibre reinforced polymer emulsion applied with paintbrush.  
Dries to form a permanent flexible airtight membrane.



## DESCRIPTION

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

Field 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 (steeldeck)

## APPLICATION

### PRIOR TO STARTING THE APPLICATION:

- » Remove salt efflorescence, dust and loose parts from the surface; remove also other types of surface pollutions that could diminish adhesion. Remove standing water.
- » Fill holes and joints > 5mm with a fast setting cement based product or polyurethane foam
- » Minimum application temperature: 5°C.
- » Application on humid (but handdry) 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 paint. Total advised minimum consumption: 0,5kg/m<sup>2</sup>, in one or two passes depending application. Ensure complete coverage.
- » Clean paint brush and other tools with water.
- » Avoid, during the drying time, contact with any type of water, liquids or other construction products.
- » Complete drying is requested prior to applying another product on BLOWERPROOF LIQUID BRUSH (such as plaster). Drying time may vary strongly and depends on local conditions and condition of the substrate. Indicative: 24 - 48 hours.
- » For large applications, BLOWERPROOF LIQUID can be used. This is the sprayable version, to be applied with an airless paintspray machine or roller.

A detailed application guide is available on request.

## CHARACTERISTICS

INSTITUCIÓN	TEST	NORMATIVA	VALOR
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# BLOWERPROOF<sup>®</sup>

## LIQUID BRUSH



	Airtightness floor/wall connection after simulated ageing of the structure	NBN EN 12114:2000 (standard: eurocode 7)	0,05 M <sup>3</sup> /H.M (50bar)	
BCB - BLOWERDOOR	Airtightness window jams	A+: < 0,10 (Standard according Passivhaus)(*)	PASS: < 0,01	
BCB - BLOWERDOOR	Airtightness pipe penetrations	A+: < 0,05 (Standard according Passivhaus)(*)	PASS: 0,01	
	Damp diffusion resistance factor (Sd)	EN ISO 12572 (2001)	μ = 35967 ; Sd > 10 ( 0,5kg/m <sup>2</sup> )	
	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination	
	Adhesion on red brick	ISO4624 (2002) <i>Values after artificial ageing of sample membrane</i>	Dry: 1,9 N/mm <sup>2</sup> Moist: 2,5 N/mm <sup>2</sup>	
	Adhesion on concrete brick (dry – moist)		Dry surface: 2,7 N /mm <sup>2</sup> Moist surface: 2,5 N/mm <sup>2</sup>	
	Adhesion on calcium silicate stone (Ytong) (dry – moist surface)		Adhesion value exceeding substrate strength	
	Adhesion on PVC		> 0,8 N /mm <sup>2</sup>	
	Adhesion on aluminium		> 1 N /mm <sup>2</sup>	
	Adhesion on EPDM (Tridex)		> 1 N /mm <sup>2</sup>	
	Adhesion on roofing		Adhesion value exceeding substrate strength	
	Adhesion of sprayed plaster (knauf MP75) on Blowerproof Liquid		Adhesion value exceeding substrate strength	
	Elongation		BS EN ISO 527-3	262,7%
	Flame propagation		EN ISO 11925-2	PASS; <150 mm
	Fire reaction standard	PASS		
	Free from VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28		

(\*) SOURCE: [HTTPS://PASSIV.DE/DOWNLOADS/03\\_CERTIFICATION\\_OF\\_AIRTIGHTNESS\\_SYSTEMS\\_EN.PDF](https://passiv.de/downloads/03_certification_of_airtightness_systems_en.pdf)

- » Minimum advised consumption: 0,5 kg/m<sup>2</sup>
- » 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**

2,5kg pails - 5kg pails



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## 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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