

# BLOWERPROOF<sup>®</sup> LIQUID



**Water based, VOC free, polymer emulsion that dries to form a continuous, permanent, flexible, airtight membrane. Applied with an airless paint spray machine.**



## DESCRIPTION

**NOTE: BLOWERPROOF LIQUID SPRAY MUST be applied by an approved contractor**

**Please call us to find an approved contractor for your project, our application service includes application, materials, airtightness testing and comes with a full guarantee. We cover the whole of the UK**

**BLOWERPROOF LIQUID SPRAY** is a VOC free polymer based liquid, applied with an airless paint spray device which dries to form an airtight flexible coating with a good adhesion on different surfaces such as concrete, brick, wood, metal etc.

### Areas 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.
- » Fill holes and joints with **BLOWERPROOF GAP FILLING MORTAR** or similar 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 SPRAY** is ready-to-use; mix with hand mixer before application. Do not dilute with water or solvents.
- » Apply with an airless paint spray device.
- » Cleaning airless device: with water.
- » Apply **BLOWERPROOF LIQUID SPRAY** in two layers, at a total consumption of 0.5 - 1 kg/m<sup>2</sup>.
- » Complete drying is requested prior to applying another product on **BLOWERPROOF LIQUID SPRAY** (such as plaster). Drying time may vary and depends on local conditions and condition of the substrate.  
Indicative: 24 - 48 hours.

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## CHARACTERISTICS

## TEST REPORTS AND CERTIFICATIONS

This table contains average values from reports and certifications from independent building testing institutes. 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)	$\mu = 76584$
 BBA	Resistance to fatigue movement	EOTA TR008:2004	No cracking or delamination
 BBA	Elongation	BS EN ISO 527-3	350,5% (average value)
 BBA	Elongation after ageing	BS EN ISO 527-3	325,2% (average value)
 bbri.be	Adhesion on red brick Porotherm (dry)	ISO4624 (2002)	1,5 N/mm <sup>2</sup> (v)
 bbri.be	Adhesion on red brick Porotherm (moist)	ISO4624 (2002)	1,4 N/mm <sup>2</sup> (v)
 bbri.be	Adhesion on concrete brick (dry)	ISO4624 (2002)	1,9 N /mm <sup>2</sup> (v)
 bbri.be	Adhesion on concrete brick (moist)	ISO4624 (2002)	1,6 N /mm <sup>2</sup> (v)
 bbri.be	Adhesion on Ytong block (dry)	ISO4624 (2002)	0,8 N /mm <sup>2</sup> (v); 100% failure in the substrate
 bbri.be	Adhesion on Ytong block (moist)	ISO4624 (2002)	0,7 N /mm <sup>2</sup> (v) >70% failure in the substrate
 bbri.be	Adhesion on gypsum block (Isolava)	ISO4624 (2006)	1,6 N /mm <sup>2</sup>
 bbri.be	Adhesion on OSB wood	ISO4624 (2002)	0,6 N /mm <sup>2</sup> (v) >70% failure in the substrate
 bbri.be	Adhesion on multiplex wood	ISO4624 (2002)	0,6 N /mm <sup>2</sup> (v) >50% failure in the substrate
 bbri.be	Adhesion on steel	ISO4624 (2002)	2,7 N /mm <sup>2</sup>
 bbri.be	Adhesion on EPDM (« Tridex »)	ISO4624 (2002)	1,3 N /mm <sup>2</sup> (v)
 bbri.be	Adhesion on roofing	ISO4624 (2002)	0,7 N /mm <sup>2</sup> ; 100% failure in the substrate
 bbri.be	Adhesion of sprayed plaster (knauf MP75) on Blowerproof Liquid	ISO4624 (2002)	0,4 N /mm <sup>2</sup> (v); >40% failure in the plaster
 bbri.be	Adhesion of thin plaster (ALLTEC) on Blowerproof Liquid	ISO4624 (2006)	0,8 N /mm <sup>2</sup> (v);
UNIVERSITY OF GHENT (BELGIUM)	Airtightness floor/wall after ageing	NBN EN 12114:2000 Eurocode 7	0,07 M <sup>3</sup> /H.M (50BAR) (V)
 warringtonfiregent	Flame propagation	EN ISO 11925-2	<150 mm
 warringtonfiregent	Fire reaction	EN ISO 11925-2	NO
 VTT	VOC, TVOC, carcinogenics, ammonia, formaldehyde	EN ISO 16000-9/6 EN 717-1 EN ISO 16000-28	 
 Mecadi	Methane permeability	ISO 15105	62 – 75 cm <sup>3</sup> (STP)-mm·m <sup>-2</sup> ·day <sup>-1</sup> ·atm <sup>-1</sup>

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## ADDITIONAL TESTREPORTS

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

## OTHER CHARACTERISTICS

- » Average consumption: 0,5 - 1 kg/m<sup>2</sup> (indicative, dependent on substrate)
- » Density: +/- 1,2 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; store dry, out of direct sunlight; shelf life: 12 months from date of production if kept in 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. Wear eye protection, mouth mask, gloves and safety wear during application.

**BLOWERPROOF**  
**LIQUID** LIQUID APPLIED  
AIR TIGHT MEMBRANES

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