

BLOWERPROOF LIQUID BRUSH

Airtight coating

General application advice

Product characteristics:

- Ready to use
- Water-based; zero VOC*
- Apply with paintbrush
- Flexible, crack bridging**
- High adhesion, also on humid surfaces
- Available in blue and white

BBRI, Warrington fire, VOC and blower door test reports available on demand

Areas of use:

- Floor/wall connections
- Wall/ceiling connections
- Wall/wall connections
- Window Jambes
- Penetrations
- Vertical and horizontal joints

Preparation:

Ensure the substrate is free of dust, loose or flaking material, efflorescence and any other surface contaminants; fill holes and gaps greater than 5mm with BLOWERPROOF NON SHRINK GAP FILLING MORTAR or non-shrink polyurethane foam. Remove standing water.

For all standard construction applications, BLOWERPROOF does not require the use of a primer. However please note that BLOWERPROOF PRIMER must be used prior to application on virgin (un-coated) plasterboard whether new or old. Primer may be a wise precaution for weak or friable substrates where an intact surface can be mechanically dislodged with little force; if you are unsure about the suitability of a substrate please consult our technical department for advice.

Application:

TUB: Before use mix with a handheld paddle mixer set at low speed; the ambient and substrate surface temperature must be > 5°C;

CARTRIDGE: Apply in a single, or multiple beads, directly to the desired location, bead width must be min 5mm x 5mm, **MUST** be brush finished in accordance with the instructions below, apply sufficient product to ensure a continuous membrane when brush finished. Substrate and surface temperature must be > 5°C; this is **NOT A SEALANT**.

Apply BLOWERPROOF LIQUID BRUSH only on the inside of the building. Apply in two layers (total applied minimum thickness per coat should be 1.5 mm up to MAXIMUM for one coat of 5mm (0.6kg to 1kg /m²) overall depth of 2 coats **MUST NOT** exceed 10mm, apply /finish using a **SYNTHETIC LONG HAIRD FLAT PAINTBRUSH** suitable for water based acrylic paints; **DO NOT USE A NATURAL BRISTLE BRUSH** apply the second layer after the first layer is dried – if using the blue version this is indicated by change in colour to black; thickness can be verified with a wet film thickness gauge; check visually to ensure complete coverage;

BLOWERPROOF LIQUID BRUSH is independently tested and suitable for use on different types of brick, wood, polyurethane foam, insulation, metal, PVC, aluminium. Indicative drying time is dependent on substrate temperature, air humidity, application thickness and ventilation and can range from 30 minutes to 24 hours

Finishing:

Do not apply any type of finish on BLOWERPROOF LIQUID BRUSH until it is completely dried; the blue BLOWERPROOF LIQUID BRUSH will be black when completely dried. BLOWERPROOF LIQUID BRUSH can be overpainted, it is recommended to try a small test area first. Where plaster or render is to be applied by hand or machine, use a suitable plaster primer as a bonding layer.

Cleaning:

- Wash down brushes and tools with clean water
- Containers can be recycled please check local facilities
- Brushes can be cleaned and re-used

Storage:

- Store full un-opened containers in a dry frost free environment between 5°C and 35°C avoid direct sunlight or contact with a heat source
- Seal part used containers by pushing down firmly in the centre of the lid when closing to expel air, ensure lid is closed tightly
- Do not use product from damaged or broken containers
- Seal open cartridge nozzles from air with cap or tape
- Shelf life, product will keep for 12 months from date of manufacture if kept according to these instructions in unopened containers

Disposal:

- Please refer to product MSDS information

Tools:

- Broom
- Vacuum cleaner (wet and dry)
- BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- (sharp) box or trimming knife
- Flat paintbrush suitable for water-based paints (synthetic bristles)
- BLOWERPROOF LIQUID BRUSH: indicative consumption 0,6 to 1 kg/m² depending on the state of the substrate.
- BLOWERPROOF 30 DAY masking tape (window/door jambs etc.)

Typical applications**Floor/wall connection:**

Prior to application of BLOWERPROOF LIQUID BRUSH :

- Trim back protruding DPC level with the wall
- Remove standing water; BLOWERPROOF LIQUID BRUSH may be applied to humid surfaces;
- Fill gaps greater than 5mm BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam do the same for joints, pipes, cables, ducting, joists and all other penetrations.
- Apply over an area sufficient to overlap finish plaster or render by 50mm and in all cases a minimum of 50mm above DPC at ground level. Ensure a minimum overlap of 500mm when connecting interior walls to outside walls.
- For larger areas use BLOWERPROOF LIQUID SPRAY

Wall/ceiling connection:

Prior to application of BLOWERPROOF LIQUID BRUSH :

- Fill gaps greater than 5mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam do the same for joints, pipes, cables, ducting, joists and all other penetrations.
- For larger areas use BLOWERPROOF LIQUID SPRAY

Window jambs:

- Close any gaps around the window frame with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- Apply masking tape on the profiles leaving approximately 5mm of the frame exposed adjacent to the wall
- Apply BLOWERPROOF LIQUID BRUSH in two layers within few minutes
- Remove masking tape immediately after application

Pipe / general penetrations:

Prior to application of BLOWERPROOF LIQUID BRUSH :

- Fill gaps greater than 5mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- Apply BLOWERPROOF LIQUID BRUSH in two coats

Walls

Prior to application of BLOWERPROOF LIQUID BRUSH :

- Fill gaps greater than 5mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- Apply BLOWERPROOF LIQUID BRUSH in two coats
- For large applications, use BLOWERPROOF ROLLER or BLOWERPROOF LIQUID SPRAY

DONT'S



- Do not apply on a polluted, oily or dusty substrate
- Do not use a natural bristle brush, ONLY use a synthetic bristle brush
- Do not overwork the product as 'bunching' of the reinforcing fibres may occur, if necessary apply more coats
- Do not use BLOWERPROOF LIQUID BRUSH as filler: fill joints, and openings > 5mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- Do not dilute BLOWERPROOF LIQUID BRUSH with water or solvents; avoid contact with any type of liquid during drying
- Do not leave the lid off the container for long periods, please re-seal immediately after use
- Do not use a heat source at close range to aid drying
- In case of damage to the BLOWERPROOF LIQUID BRUSH coating after drying, simply restore by cleaning the surface of the coating, with water and a lint free cloth and re-applying an extra layer

DO NOT APPLY BLOWERPROOF WHILST THE SUBSTRATE IS UNDER TEST PRESSURE: PRESSURE TESTING MUST ONLY BE CARRIED OUT ONCE BLOWERPROOF IS FULLY CURED

Precautions

Consult the Materials Safety Data Sheet prior to application. Always work in well-ventilated areas. Avoid direct skin contact when the product is in wet condition. You are advised to wear eye protection, face mask, gloves and safety wear during application

Notes

* M1-Class-certificate No VOC's certified by RTS Building Information Foundation

** See application section above or refer to published test reports

Further advice

This advice is based on the experience of the manufacturer "Hevadex Applications bvba"; for further information, please contact your distributor. Technical data sheets, safety data sheets and independent test reports are available on request.

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