

## Blowerproof Liquid Roller Airtight coating

### General application advice

#### Product characteristics:

- Ready to use
- Water based; zero VOC\*
- Apply with long haired roller
- 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:

- Concrete, masonry, brick & blockwork walls
- Floor/wall connections
- Wall/ceiling connections
- Wall/wall connections
- 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 2mm with BLOWERPROOF NON SHRINK GAP FILLING MORTAR or non-shrink polyurethane foam. Remove standing water.

Corners, penetrations, window jambs etc. can be sealed with BLOWERPROOF LIQUID ROLLER applied with a suitable long haired roller, gaps up to 2mm may be covered with BLOWERPROOF ROLLER. Penetrations and connections with gaps between 2mm and 5mm can be pre-sealed with BLOWERPROOF LIQUID BRUSH (a fibre reinforced version) prior to applying BLOWERPROOF LIQUID ROLLER to the substrate, apply directly over the pre-sealed areas. Seal all gaps over 2mm with BLOWERPROOF NON SHRINK GAP FILLING MORTAR

#### Application:

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



Blowerproof can be applied on the inside or the outside as long as it is applied on the warm side of the insulation. See picture left.

Apply in two layers: total minimum consumption should be 0.5kg/m<sup>2</sup>. Apply using a long haired roller suitable for water based acrylic paints; 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 ROLLER is independently tested and suitable for use on different types of brick, blockwork, concrete, 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 ROLLER until it is completely dried; the blue BLOWERPROOF LIQUID ROLLER will be black when completely dried. BLOWERPROOF LIQUID ROLLER 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
- Rollers/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
- 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 for gaps >2mm
- Sharp box or trimming knife
- Long haired roller
- BLOWERPROOF ROLLER: indicative consumption 0,5 kg/m<sup>2</sup> depending on the state of the substrate.
- Masking tape (window jambs)

## Typical applications

**Walls**

Prior to application of BLOWERPROOF ROLLER:

- Fill gaps greater than 2mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam
- Apply BLOWERPROOF LIQUID ROLLER in two coats

For large applications, use Blowerproof Liquid Spray

**Wall/ceiling connection:**

Prior to application of BLOWERPROOF ROLLER:

- Fill gaps greater than 2mm 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.
- Apply BLOWERPROOF LIQUID ROLLER in two coats ensuring that the first coat is fully dry before applying the second coat

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 ROLLER in two coats ensuring that the first coat is fully dry before applying the second coat
- Remove masking tape immediately after application

**Pipe / general penetrations:**

Prior to application of BLOWERPROOF ROLLER:

- Fill gaps greater than 2mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR or non-shrink airtight polyurethane foam.
- Apply BLOWERPROOF LIQUID ROLLER in two coats ensuring that the first coat is fully dry before applying the second coat

**Floor/wall connection:**

Prior to application of BLOWERPROOF ROLLER:

- Trim back protruding DPC level with the Remove standing water; BLOWERPROOF LIQUID ROLLER may be applied to humid surfaces;
- Fill gaps greater than 2mm 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. Mark:
- Apply BLOWERPROOF LIQUID ROLLER in two coats ensuring that the first coat is fully dry before applying the second coat

For larger areas use Blowerproof Liquid Spray

**DONT'S**

- Do not apply on a polluted or dusty substrate
- Do not use BLOWERPROOF LIQUID ROLLER as filler: fill joints and openings > 2mm with BLOWERPROOF NON-SHRINK GAP FILLING MORTAR, or non-shrink airtight polyurethane foam
- Do not dilute BLOWERPROOF LIQUID ROLLER 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 ROLLER 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 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.

## Manufacturer Details

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## UK Distributor

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