

# FIREPRO

CI/SfB

M752 DATASHEET – Mar 14

## FIRE PROTECTIVE BUILDING PRODUCTS

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Product specifications can change. Contact us to ensure you have our latest datasheet

# CENTABUILD M752 AQUATHANE

## INTERIOR / EXTERIOR GRADE WATER BASED SEALANT

### DESCRIPTION

Centabuild M752 Aquathane is designed for sealing interior and exterior construction joints that are subject to movement in concrete precast panels, blockwork, brickwork, and timber / steel joints. M752 has excellent adhesion capabilities plus durability. It has been used in NZ externally and internally for over 20 years.

Centabuild M752 is a one-part, water-borne, urethane polymer blended with acrylic co-polymer to give a tough and gunnable sealant. It has been formulated to give the best balance of hardness and flexibility, with good U.V. resistance. M752 can be painted over. It has the advantage of fast clean up with water. M752 tools off to a very smooth finish. Concrete grey colour. Is available in 600ml sausages and 10 litre buckets.

### ADVANTAGES

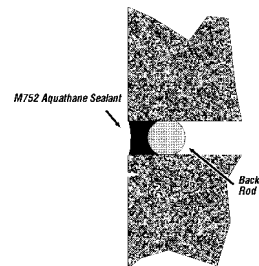
- Good flexibility - joint movement +/- 20%.
- Very easy to apply, and gives a very smooth finish.
- Low odour.
- Priming not normally required.
- Can be applied to damp surfaces.
- Water clean up.
- VOC 90 (g/l).

### DESIGN FACTORS

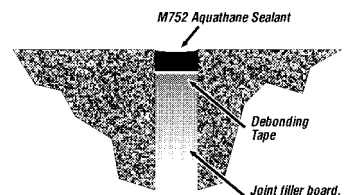
- The maximum designed movement must not exceed  $\pm 20\%$  of the joint width.
- Minimum joint depth/width 5mm.
- Joint width to depth ratio
  - Below 10mm wide ratio 1:1
  - Above 10mm wide ratio 2:1.
- If joint movement is not required M752 can be used as a putty.
- Joints up to 50mm can be sealed in one application. Gaps over 50mm should be sealed in two stages to avoid slumping.
- Do not store below 5° or above 32°C.
- Do not apply to wet surfaces, or when rain will occur before curing.
- When installed in accordance with best trade practice and these application notes M752 has good weathering characteristics and is suitable for both internal and external use in areas where ladder access or a building maintenance unit is available. It has an excellent external performance record, having been used successfully in Australia since 1990 and NZ since 1995.
- Do not use in water retaining structures, where ponding may occur, where access or replacement is difficult or moderately difficult or where detection of failure or damage would not occur in normal use or maintenance.

### APPLICATION NOTES

- Surfaces must be clean, sound, free from dirt, grease, dust, or other contaminants.
- Ideally surfaces should be dry. M752 will adhere to damp surfaces, but not to wet surfaces.
- Priming is not required for most substrates, however, if required use Centabuild Sealant Primer. Allow to dry then check adhesion of M752.
- Areas adjacent to joints may be masked to assure neat sealant lines. Masking should be removed immediately after tooling.
- All joints should be filled to required depth with open cell backer rod or bond breaker tape prior to sealant application.
- Some shrinkage may occur.
- Apply sealant in required ratio of width to depth to joints, by bulk loading gun or similar method.
- Joint groove must be completely filled with sealant.
- Tool off straight away using a spatula with a concave finish. Tooling off must be completed within the working time of 15 minutes, and may be assisted by dipping the spatula in water.
- Uncured sealant may be removed with water.



• Typical construction of wall joint.



• Typical floor construction joint.



### SAFETY

Centabuild M752 Aquathane is a Centabuild Safety on Site product. It is non-toxic and non-hazardous, but prolonged skin contact may irritate. Wash hands after use with soap and water.

M752 is non-flammable in a wet state.

For more information refer to the M752 Aquathane Health and Safety Data Sheet.

NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. If used beyond the situations detailed on this datasheet we advise confirming their suitability before installation. All dimensions are nominal.

We reserve the right to make changes or to withdraw designs and products without notice.