

Seamless, weatherproof, flexible,  
elastomeric coating

hd. Flat Roof Coating

### About this product

Acrylic Roof Coating is a seamless elastomeric coating manufactured from a pure, specially selected synthetic polymer dispersion. It is single pack material that bonds to roofs and walls, provides a flexible membrane that is totally waterproof and weatherproof. Acrylic Roof Coating is a water based, contains no harmful solvents and is non-flammable. It may be applied to most building surfaces including cement render, concrete render, concrete, unglazed tiles, slate and stone. Its inherent flexibility will take up most normal building movement as well as filling and bridging hairline cracks.

### Features and benefits

- Can be applied without the use specialised equipment.
- Easy to apply by brush, roller or spray.
- Non flammable and non toxic.
- Economical long term protection.
- Bridges hairline cracks.
- Excellent storage characteristics.
- Solar reflective.

**Reinforcing** If cracks in the substrate are present apply a thick coat of Acrylic Roof Coating over the cracks extending about 100mm on either side of the cracks. Brush well into the cracks. While the coating is still tacky, apply a strip of reinforcement on the coating and press well in. Brush over the surface to bed the tape in the allow to dry.

Where the roof and parapet meet, the angle should have a 40mm fillet. Cover with reinforcement embedded in Arcylic Roof Coating.

### Typical properties

Colour	Grey, white (other made to order)
Hardness (shore A)	45 to 50
Elongation	250%
Tensile strength	3.0 N/mm <sup>2</sup>
Specific gravity	1.4 to 1.5 g/cm
Toxicity	Non toxic

**Finishing coats** Apply an undiluted coat of Acrylic Roof Coating ensuring that all areas are equally treated. Lay the coating in the same direction but do not brush out or roll out too thinly. Allow to dry and apply a second coat in a similar manner but apply at right angles to the first coat.

Do not apply if rain is likely to fall before the coating is dry.

### Application

**Preparation** Proper surface preparation is essential to ensure the optimum performance of the product. Surface should be sound and free from oil, grease, dust or any loose materials. All biological growth must be completely removed with a suitable biocide. Chase out any cracks and make good where necessary and brush clean.

**Priming** Substrate surface should be primed using Acrylic Roof Coating diluted with clean water at a ratio of 1:1 by volume. Hot porous surfaces should be first dampened with clean water before priming but all surface water must be removed. The priming coat should be brushed out evenly over the whole surface and allowed to dry to a thin film.

**Precautions** Do not use if temperature is likely to fall below 5°C within 12 hours of application. Use only clean (potable) water. Immediately after use, tools should be cleaned with water.

**Packaging and coverage** Acrylic Roof coating is supplied in 5kg and 20kg non-refurnable containers. Coverage will vary according to the substrate's surface condition. Based on a smooth dense surface, an approximately 2 sq. metre per kg per coat can be expected. Highly porous, rough or irregular surfaces will reduce the coverage.

Normally two coats are sufficient.

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### Storage

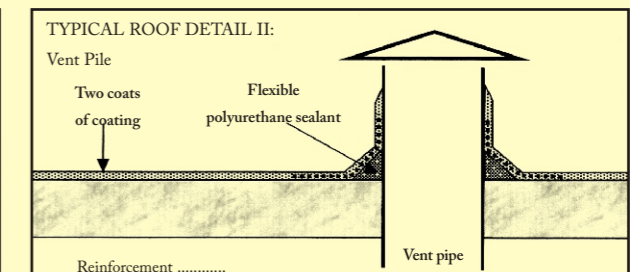
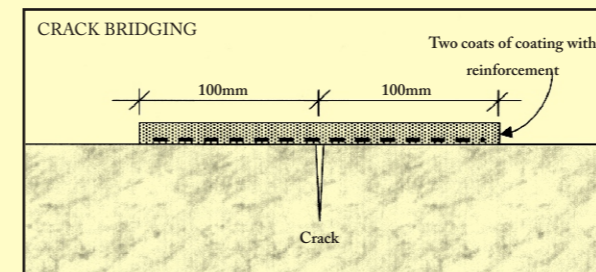
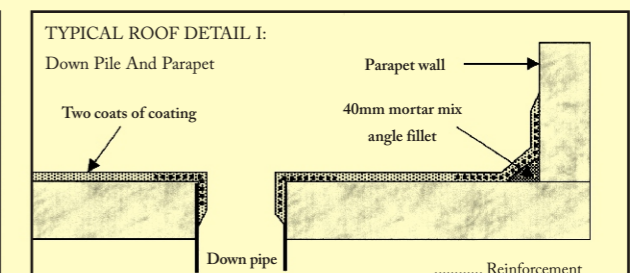
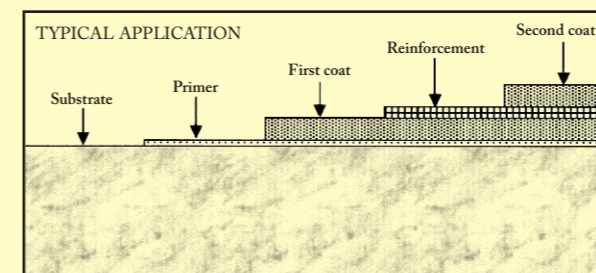
Store in dry shaded conditions above 5°C and below 40°C. Expected shelf life under correct conditions is 12 months.

### Health and safety

Acrylic Roof Coating is non-toxic and presents no health hazard. Protective gloves should be worn during use and contamination should be washed off with clean water before it has dried. Splashes in the eye should be washed be washed thoroughly with water and if discomfort persists, medical advice should be sought. If swallowed, it should be followed with copious quantities of drinking water and medical advice sought.

### Technical service

We can provide technical service at the specification stage and/or during application through our Technical Department or Laboratory. Detail specification or further information can be provided for specific projects or more general works. Site visits and on-site demonstrations can be arranged on request.



To the best of our knowledge and belief, the information contained in this leaflet is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application, and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Test results shown reflect typical figures based on laboratory testing under

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