



ACRYLMERIC WEATHERTUFF

TECHNICAL DATA SHEET

ACRYLMERIC WEATHERTUFF is a water based, one component, acrylic copolymer membrane coating with excellent durability, and high resistance to water, alkali, carbon dioxide and chloride ion diffusion. It dries to an extremely tough, yet resilient high build film, that is both water and weather resistant. In film anti-mould ingredients provides long lasting resistance from mould and fungus attack.

AREAS OF USE:

ACRYLMERIC WEATHERTUFF is suitable for the decoration and protection of exterior unpainted and previously painted masonry and many other building substrates where waterproofing and substrate protection are the main focus.

FEATURES:

- Water based single pack coating
- Flexible membrane character
- Long term durability and water resistance
- Resists to algae and fungi growth
- May be reinforced with polyester and polyolefin fabrics

TYPICAL PROPERTIES:

- | | |
|------------------------------|---|
| • Colour | White and select pastels |
| • Finish | Satin |
| • Elongation @ 7 days | >300% |
| • Volume Solids | ~46% |
| • Weight Solid | ~56% |
| • Theoretical Spreading Rate | 3.0 m ² /L @ dft 150um |
| • Specific Gravity (kg/L) | 1.26 |
| • Chemical Resistance | Unaffected by most mild acids, alkalis and bio-deterioration. |
| • Odour | Low |

STANDARDS:

No specific standards applicable

INSTALLATION:

PREPARATION: The surface to be coated must be stable, clean and dry, and free from any dust, laitance, loose aged paint, greases and oils. New concrete should be allowed at least 28 days cure prior to coating. New rendered surfaces should be allowed to cure for 7 days. Small cracks may be filled with initial application of **ACRYLMERIC WEATHERTUFF**. All visible cracks, holes, etc exceeding 2mm must be repaired using approved sealants/caulks, after priming, and prior to membrane application.



APPLICATION: All surfaces should be properly prepared and primed prior to application with either **ACRYLMERIC Superseal Primer** or **ACRYLMERIC Tuffseal Acrylic Primer**. It is recommended that a sample area be prepared first. **ACRYLMERIC WEATHERTUFF** is a one component material and ready for use as supplied, however stirring with a mechanical mixer is recommended to overcome any material sedimentation. Apply by brush, plain or textured roller or airless spray to the specified film thickness. Application by airless spray may require thinning with water up to 10% by volume. Application of 2 coats is recommended with polyester fabric reinforcement placed over cracks and any joints between dissimilar substrates. Embed the fabric into wet coats of **ACRYLMERIC Weathertuff**. Apply a further coat over fabric covered areas. Contrast colours may be used for different coats so as to ensure adequate film build and consistent coverage. Do not apply material in damp, rainy or cold conditions, or when rain is threatening.

COVERAGE:

Surface type and texture affects the coverage rate. Generally, the recommended spreading rates are:

Vertical Surfaces: 4 m² per litre/coat, minimum 2 coats, for 250 microns dft.

Horizontal Surfaces: 2 m² per litre/coat, minimum 2 coats, for 450 microns dft.

Apply a minimum of two coats in all applications. Additional coats will provide even extended durability and water resistance, especially on horizontal surfaces.

Dry to touch: 1 hr (15°C) 30 mins (25°C) 20 mins (35°C)

Minimum recoat time: 4 hrs (15°C) 2 hrs (25°C) 1 hr (35°C)

Maximum recoat time: Open ended Open ended Open ended

PRECAUTIONS:

Do not apply if the temperature is below 10°C or above 35°C, or likely to fall outside these limits during the drying period.

CLEAN-UP:

Clean equipment with water, away from drains and open watercourses. Dried material may only be removed by mechanical means.

COLOURS:

Available as Arctic White plus standard pastel colour range. Colour matching service also available.

PACKAGING:

Available in 15L plastic re-sealable pails and 4L lined steel cans. Reseal containers immediately after use. 200 L size to order.

SHELF LIFE:

18 to 24 months if stored in a cool, dry place in unopened containers. Storage at high temperatures and high humidity may reduce shelf-life. Once opened and resealed, use the remaining contents within 3 months.

HEALTH & SAFETY:

This material is non-toxic and non flammable however the contents should not be inhaled or ingested. Wear basic vapour masks and gloves when handling. Wash splashes on the skin with clean water. Clean all spills with absorbent material. Provide adequate ventilation if using in enclosed areas. MSDS is available upon request.

Disclaimer:

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