



# ELASTOCRYL™

## Technical Product Data.



High film build, pure acrylic fibre reinforced waterproofing compound designed to dry quickly in low temperatures. Incorporates European technology optimizing film formation in winter conditions.

### AREAS OF USE.








- Seal horizontal cement-plastered substrates - tops of parapet walls, top edges of plaster bands, windowsills, etc.
- Seal and bridge hairline plaster cracks.
- Waterproof porous cement and concrete slabs.
- Flash between differing substrates (incorporating a non-woven membrane).

### ADVANTAGES.



- Adhesion-Promoted Pure Acrylic binder for maximum weather resistance.
- Flexible, yet non-tacky film.
- High volume solids for maximum film thickness.
- Water-based for environmental and applicator friendliness.
- Quicker drying time than conventional Acrylic Waterproofing products currently available in South Africa.
- Approved for safe use in the wine industry.

### PRODUCT INFORMATION.

 <b>Appearance:</b> Medium Sheen textured film.	 <b>Colours:</b> Charcoal or Black only.
 <b>Volume Solids:</b> 52%.	 <b>V.O.C.:</b> <20g/litre.
 <b>Theoretical DFT per coat:</b> 104 – 130microns per coat.	 <b>Recommended Spread Rate:</b> 4–5m <sup>2</sup> /litre per coat.
 <b>Appearance:</b> Medium Sheen textured film.	<b>Note:</b> Practical Spread Rate will vary dependant on the application method, profile and porosity of the substrate.

### APPLICATION DETAILS.

**Mixing of product:** Stir thoroughly with a flat paddle before application.

**Method of application:** Apply with a good-quality brush, block brush or roller.

**Substrate:** Ensure that the substrate is clean, dry and suitably primed before application.

**Dilution:** Product is ready to use and should not be diluted.

**Cleaning of application equipment:** Soapy water immediately after use.

**Application temperatures:** Only apply the product at temperatures between 8 and 30 degrees Celsius.

**Application humidity:** Only apply the product when humidity is between 10 and 85%.

**Drying time:** Dependant on environmental conditions, but typically touch dry after 10-15minutes.

**Overcoating time:** 2–4 hours.

## SURFACE PREPARATION.

- Only apply to clean, dry and sound substrates, using a good-quality brush, block brush or roller.
- Remove dirt with **WeatherPrufe Tornado** diluted 1:4 with clean water. Rinse off well and allow surface to dry thoroughly.
- Fungal growth should be sterilised using **WeatherPrufe Fungal Wash** before water-jetting the surface. A second application of the solution should be applied after cleaning and be allowed to dry before application commences. Do not wash surface down after second application.

### Unpainted surfaces.

- **Cement Plaster, Concrete and Cement Bricks:** Prime with one coat of **WeatherPrufe Plaster Primer**.
- **Fibre Cement Boards:** Prime with one coat of **WeatherPrufe Plaster Primer**.
- **Mild Steel:** Sand rusted areas to bright metal. Prime with one coat (two coats in coastal or highly corrosive environments) of **WeatherPrufe Etch Primer**.
- **Galvanised Iron:** Sand rusted areas to bright metal. Spot-prime sanded areas with two coats of **WeatherPrufe Etch Primer**.

### Previously painted surfaces in good condition.

- Remove all loose paint by sanding, scraping or high-pressure water-jetting. Clean surface with **WeatherPrufe Tornado** diluted 1:4 with clean water. Rinse well. Spot-prime exposed substrates with appropriate primer where necessary. Sand enamel coatings to an even matt finish and remove dust where applicable.

### Previously painted surfaces in poor condition.

- Remove all paint to a sound substrate by best means. Proceed as per 'Unpainted Surfaces'.

### Crack Repair.

- Where required, repair cracks as follows:
- Hairline or 'crazy cracking': Sand to a smooth surface. Apply one coat **WeatherPrufe Plaster Primer**.
- Cracks >2mm: Rake open to a firm surface. Fill using a 3:1 sand/cement plaster wet with **WeatherPrufe WeatherBond Enhance**. Spot-prime with one coat **WeatherPrufe Plaster Primer** when dry.

## AREAS OF APPLICATION.

**Waterproofing of plaster bands, tops of parapet walls, windowsills and copings:** Apply two coats **Weatherprufe Elastocryl™** to the prepared surfaces.

### Waterproofing of flat, cement-screeded surfaces:

- General: Ensure that all drainage points, as per engineer's original specifications, have been properly installed and are functional.
- Apply three coats **WeatherPrufe Elastocryl™**, at a spread rate not exceeding 5m<sup>2</sup>/litre, allowing 2 hours drying time between coats.
- If the condition of the substrate is such that a membrane is to be incorporated into the application system, or when used to "flash" between two differing substrate types, proceed as follows: Apply 1 coat **WeatherPrufe Elastocryl™** at 4m<sup>2</sup>/litre and embed the membrane into this coat while still wet. Smooth out the membrane to remove all air bubbles and pockets.
- Immediately apply a "saturation" coat over the whole membrane and allow to dry for 2 hours. Apply two additional top coats at 2-hourly intervals at a spread rate of not more than 4 m<sup>2</sup>/litre. The total spread rate for the four-coat system incorporating membrane will be 0.8–1m<sup>2</sup>/litre.

**Note:** When applying a membrane-reinforced system over a parapet wall, the membrane should drop down the leading side of the wall by at least 5cm.

Should you require the final product to be in a colour of choice, apply 2 coats **WeatherPrufe WeatherKlad™** allowing 4-6 hours drying time between coats.

### Waterproofing of screeds to be tiled.

- The screed should slope towards adequate drainage points so that ponding does not occur. Prime the dry screed with one coat of **Weatherprufe Plaster Primer**. Allow to dry. Apply two coats of **WeatherPrufe Elastocryl™** at 2-hourly intervals. Allow to dry overnight. Apply one coat polymerized cement slurry made by mixing dry cement powder into **WeatherPrufe WeatherBond Enhance** to a brushable consistency. Allow to dry.
- Wet the tile adhesive with **WeatherPrufe WeatherBond Enhance**, diluted 50:50 with water.
- Wet grouting with **WeatherPrufe WeatherBond Enhance**, diluted 50:50 with water.

### Walls with 'crazy cracking'.

- To the prepared substrate, apply two coats of **Weatherprufe Elastocryl™** prior to application of two coats **WeatherPrufe Weatherklad™**.

## SAFETY PRECAUTIONS.

Refer to Safety Data Sheet for full Safety information.



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