



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 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 the market.
- Approved for safe use in the wine Industry.

PRODUCT INFORMATION.



Appearance:
Medium Sheen
textured film.



Colours:
Charcoal or
Black only.
**Cannot be
tinted.**



Volume Solids:
52%.



V.O.C:
<20g/litre.



**Theoretical DFT
per coat:**
104-130microns
per coat.



**Recommended
Spread Rate:**
4-5m² per litre
per coat.



**Viscosity at 25°
Celsius :**
250-300g
(paste Paddle).

Note: Practical Spread
Rate will vary dependant
on the application method,
profile and porosity of the
substrate.

APPLICATION DETAILS.

- **Method of application:** Apply with a high-quality brush, block brush, or lambswool 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%.
- **Overcoating time:** 2 hours.
- **Storage:** Store paint in a cool, dry area above freezing, away from direct sunlight and off the floor.

SURFACE PREPARATION.

Only apply to clean, dry and sound substrates.

Dirt

- Remove dirt with **WeatherPrufe Tornado** diluted 1:4 with clean water.
- Rinse off well and allow surface to dry completely.

Fungal growth

- Fungal growth should be sterilised using **WeatherPrufe Fungal Wash**
- Water-jet the surface.
- Apply a second coat after cleaning and allow to dry.
- 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**.

Metal Surfaces:

- 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** at a spread rate of 8-10m²/litre.

- Cracks >2mm: Rake open to a firm surface. Fill using a 3:1 sand/cement plaster wet with **WeatherPrufe WeatherBond Enhance** (use 10% polymer on cement value). Spot-prime with one coat **WeatherPrufe Plaster Primer** at a spread rate of 8-10m²/litre when dry.

APPLICATION.

Without Membrane.

Waterproofing of plaster bands, tops of parapet walls, windowsills and copings:

- Apply three coats of **Weatherprufe Elastocryl™** to the prepared surfaces.
- Allow 2 hours drying time between coats.

Waterproofing of flat, cement-screeded surfaces:

Important: Ensure the screed slopes towards the drains. A minimum fall of 1:60 is required.

Ensure that all drainage points, as specified by the engineers are correctly installed and fully functional.

- Apply three coats of **WeatherPrufe Elastocryl™**, at a spread rate not exceeding 5m²/litre/coat.
- Allow 2 hours drying time between coats.
- Overcoating of **WeatherPrufe Elastocryl™** is not essential. See note below.

With Membrane.

Cracks, joints or weak surfaces or used as a "flash" between two different surfaces.

- Apply one coat of **WeatherPrufe Elastocryl™** at 4m²/litre/coat.
- **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 one additional topcoat at not more than 4m²/litre/coat.

Notes: 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.

- In place of the third coat of **Elastocryl™** apply two coats of **Weatherprufe WeatherKlad™** at a spread rate not exceeding of 8m²/litre/coat in colour of choice.
- Allow 4 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 at a spread rate of 8-10m²/litre.
- Allow to dry for 4 hours.
- Apply two coats of **WeatherPrufe Elastocryl™** at 2-hour intervals.
- Allow to dry overnight. Apply one coat of polymerised 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**, thinned 50:50 with water.
- Wet grouting with **WeatherPrufe WeatherBond Enhance**, diluted 50:50 with water.

Walls with 'crazy cracking'.

Ensure the surface is prepared correctly.

- Apply two coats of **Weatherprufe Elastocryl™**
- Allow 2 hours drying time between coats.
- Apply two coats **WeatherPrufe WeatherKlad™** at a spread rate of 8m²/litre/coat.
- Allow 4-6 hours drying time between coats

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SAFETY PRECAUTIONS

Refer to MSDS for full Safety information.

