



PLASTICRYL

Acrylicrubberised Waterproofing

Discussion

PLASTICRYL is a pure acrylic waterproofing polymer, modified with latex that allows extreme flexibility, UV stability and adhesion. The dry film characteristics are unlike traditional waterproofing compounds, showing over 350% elongation and a life expectancy of 8 years. When reinforced with stitch bonded polyester, it forms a homogeneous seamless waterproofing system. **PLASTICRYL** in conjunction with stitch bonded polyester is suitable for; flashings, parapet walls, properly graded roof decks, lap joints, roofing screws and many other waterproofing details.

Physical Properties

Colour:	Black, Brown, Charcoal, Grey, Green, Red, Terracotta and White.
Pack Size:	5L and 20L
Application:	Brush, roller or spray.
Coverage:	2L/m ² (depending on surface porosity)
Total Solids:	+/- 70%
Specific Gravity:	+/- 1.2
Viscosity:	100 Krebbs Units at 25°C
Drying Time:	Touch dry: 1-2 hour Hard dry: 24 hours Full cure: 7 days
Cleaning:	Water when wet. Ethyl acetate when dry.
Flammability:	Non Flammable



Surface preparation

All forms of surface contamination must be removed to ensure a smooth surface, free of moisture and any loose material, or any other barrier to adhesion. Steel and galvanised steel surfaces must be free of loose paint, grease, grime, oil and rust.

Application

All non-metal surface – use a 50% **PLASTICRYL** and clean water mix to prime the entire surface, allow a 1 hour drying time. An acrylic bonding liquid may also be used.

On metal surfaces – Prime with **DARACRYL DC4** and allow 4 hour drying time.

Apply at the rate of 1L/m² undiluted **PLASTICRYL** and immediately embed the SBP membrane into the wet product ensuring no creases or folds in the material. Work the membrane into the **PLASTICRYL** using a brush. Product should be evident “striking through” the membrane and if this is not the case, too little product has been applied or the product has been allowed to dry before embedding the membrane.

After allowing a minimum drying period of 30 minutes, apply a second coat **PLASTICRYL** at the rate of 0.5L/m².

Apply a further final coat of **PLASTICRYL** at the rate of 0.5L/m². It will be noted that a total of 2L/m² of **PLASTICRYL** has now been applied. The minimum weight of the membrane alone shall be 100g/m². The total weight per m² shall therefore be 1.5kg

Note drying times are based on a temperature of 25°C min. and a R.H. of 60% max.

Technical assistance and applicator training are freely available to all approved users.

Maintenance

A maintenance re-coat is recommended after three years.



Health and Safety

- Avoid contact with skin or eyes.
- Keep out of reach of children.
- If accidentally swallowed, seek medical advice immediately.
- To avoid the risk of spillage, always store and transport containers in a secure upright position.
- Refer to Material Safety Data Sheet for additional information.

Standard Disclaimer

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond STT Sales (PTY) LTD control.

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

Important Note; It is the responsibility of the user to ensure that the latest TDS is being used for reference. **DARACHEM** Data Sheets are available on our website www.darachem.co.za or Email info@darachem.co.za.

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