



PLASTICRYL PLUS+

Fibre-reinforced Waterproofing

Discussion

PLASTICRYL PLUS+ is a thick heavy duty, high build, membrane free formula that forms a seamless, impermeable, elastomeric membrane, used to waterproof, bond and coat, parapet walls, flat roofs, pitched roofs, roof tiles, walls, gutters, and other waterproofing details.

PLASTICRYL PLUS+ is a pure acrylic waterproofing polymer, modified with latex that allows extreme flexibility, UV stability and adhesion, with a life expectancy of 12 years.

Physical Properties

Colour:	Grey and White
Pack Size:	20L
Application:	Brush
Coverage:	1L/m ² (depending on surface porosity)
Total Solids:	+/- 60%
Specific Gravity:	+/- 1.2
Viscosity:	115 - 125 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

Cleaning:

Ensure all surfaces are dry and thoroughly cleaned, removing all dust, dirt, grime and any other soiling agents. On parapets and painted roofs, a wire brush should be used to remove all loose or peeling paint until a sound surface is achieved.

Priming:

If applying to new untreated galvanized iron, the surface should be treated with an acid **GALV CLEAN**.

Rusted surfaces should be brushed down removing all loose material & treated with a rust converter. Bright steel surfaces should be treated with **DARACRYL DC4** primer

Porous surfaces should be primed with **BONDING LIQUID** or a 50% diluted coat of **PLASTICRYL PLUS+**. On Fibre Board applications use with **STORMCRYL PRIMER**.

Previously Painted Surfaces – **PLASTICRYL PLUS+** can be applied onto dry, sound, clean & well adhered acrylic roof coatings.

Application

1st coat - **PLASTICRYL PLUS+** can be applied by means of brush. Pour **PLASTICRYL PLUS+** out onto the prepared surface and spread to an even wet film thickness of approximately 0.5mm or at a rate of 0.5L/m²

Allow 60min drying.

Apply a 2nd coat and spread at 90° to the 1st, to an even wet film thickness of approximately 0.5mm or at a rate of 0.5L/m².

Total coverage 1L/m²

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

Notes

For bridging gaps, waterproofing lap joints, flashing and other areas of extreme movement use traditional **PLASTICRYL** in conjunction with a waterproofing membrane.

Not recommended for under tiles or areas of permanent ponding

Not recommended for lightweight screed applications

Not recommended for Slate roof applications

Not recommended to overcoat existing bitumen systems

Do not apply if rain is imminent.

Application Temperature - Do not apply on surfaces less than 5°C or more than 35°C

Curing time depends on the humidity and air temperatures

Maintenance

A maintenance re-coat is recommended after 5 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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