

TECHNICAL DATA SHEET

ELASTA-THANE SUPER SEAL PRIMER

Low Viscosity, polyurethane based primer for both porous & non-porous substrates.

DESCRIPTION:

Elasta-Thane Super Seal Primer is a one component, low viscosity, polyurethane based primer suitable for many different substrates.

It is characterised by its very low viscosity and balanced curing speed which result in excellent wetting, impregnation and paint-over time on different substrates, whether of high, low or no porosity (e.g. glass and metals).

The cured film displays outstanding mechanical properties: Its elongation is >300%, and its tensile strength surpasses 30 N/mm².

COMPLIANCE:

The adhesion strength of **Elasta-Thane Super Seal Primer** exceeds the requirements of 3456 (European Organization of Technical Approval).

RECOMMENDED FOR:

To be used as **primer** for:

- Concrete structures.
- Ceramic tiles,
- Non-porous substrates like glass, marble & metals.

LIMITATIONS:

Will discolour when used alone & left exposed. This is purely visual and does not affect the performance of the membrane.

Any imperfections & hollows must be sealed & levelled prior to primer application to ensure there is no ponding of primer.

Do not apply primer at greater application rates than recommended to ensure correct curing period.

Applying too much primer can result in topcoat imperfections in the final finish of the cured membrane.

The primer **must** be touch dry & not tacky before topcoat application.

FEATURES AND BENEFITS:

- One component.
- Of low viscosity.
- Easily applied.
- Adheres strongly, even on glassy, non-porous substrates.
- Excellent wetting, impregnation and paint-over time.
- Elastic.
- A detailer is available for vertical applications

APPLICATION PROCEDURE:

Repair & level any surface imperfections prior to primer application. Where possible clean the surface using a high pressure washer. Remove oil, grease and wax contaminants, cement laitance, loose particles, mould release agents. Any cured membranes must also be removed. If a solar reflective coating is present carry out an adhesion test. Mark out area to ensure correct dosage & coverage rates, do not allow primer to pond. Apply with brush or roller. Once cured, **Elasta-Thane 25** can be applied.

IMPORTANT APPLICATION NOTES

- Under no circumstances are Primers or Topcoats to be applied at temperatures below 5°C.
- It is essential that all Primers and Topcoats are allowed completely dry before over-coating.
- Drying time will depend on the local climatic conditions, and the lower the ambient and surface temperature, the greater will be the drying time. (Can be between 2 hours and 2 days.)
- Applicators must physically check before continuing
- **DO NOT APPLY UNLESS DRY**

COVERAGE:

Approx: 100- 200gr/m², subject to substrate porosity.

CLEANING:

Clean tools and equipment first with paper towels and then wipe by using **Solvent-01**. Rollers will not be re-useable

PACKAGING:

20Lt, 5Lt and 1Lt.

SHELF LIFE:

Elasta-Thane Super Seal Primer can be kept for a maximum of 24 months in the original unopened pails at a temperature of 5 °C to 25 °C in dry places.
Once opened, use as soon as possible..

SAFETY INFORMATION:

Contains volatile flammable solvents. Apply in well-ventilated, no smoking areas, away from naked flames. In closed spaces use ventilators and carbon active masks. Keep in mind that solvents are heavier than air so they creep along the floor. The MSDS (Material Safety Data Sheet) is available on request..

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com.

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