

Technical Data Sheet

Starcoat PMMA TPO Primer

Starcoat PMMA TPO Primer is a one-component primer used as a bonding agent between FPO and TPO sheets and Starcoat PMMA cold applied liquid waterproofing systems.

Material

1-component, solvent-free, polyurethane-based primer.

Properties and advantages

- Easy application
- Low consumption rate

Use

Starcoat PMMA TPO Primer is used as a bonding agent between FP and TPO sheets and Starcoat PMMA liquid waterproofing systems.

Packaging

0.8kg metal bottle

Colours

Starcoat PMMA TPO Primer is unpigmented.

Storage

Products should be stored sealed in their original airtight container and in a cool, dry, frost-free place. Unopened products have a shelf life of at least 6 months. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight.

Note: Once opened, the product has limited shelf life and may gel prematurely. Do not use any product that has gelled.

Application conditions

Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range in °C		
	Air	Substrate	Material
Starcoat PMMA TPO Primer	+3 to +35	+3 to + 50*	+3 to +30

*the substrate temperature must be at least 3°C above the dew point during application and curing.

Moisture

The relative humidity must be $\leq 90\%$.

The surface to be coated must be dry and ice-free. It must be protected from moisture until the coating has hardened.

Reaction times and required amounts of catalyst

Temperature	Starcoat PMMA TPO Primer drying time
30°C	1 – 2 hours
20°C	1.5 – 3 hours
10°C	2 - 4 hours
3°C	3 - 6 hours

Consumption rates

0.03 – 0.05 kg/m²

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Density 0.91 g/cm³

Application

Application equipment/tools

For mixing product: Brush

Substrate preparation

Clean the substrate with Starcoat PMMA Cleaning Agent and a lint-free cloth and allow the surface to dry completely (approx. 15 minutes) prior to application of the product.

Mixing

Mix the primer thoroughly by stirring or shaking before application.

Application

Brush apply a thin coat of primer to the substrate.

Avoid a build-up of excess material in all areas particularly in corners. If required, use the brush to spread the product more evenly and avoid greater layer thicknesses.

Note: If too little product is applied, curing problems may arise due to interrupted polymerisation.

If work is interrupted or when it is completed, clean the tools thoroughly with Starcoat Universal Cleaning Agent within the pot life of the product. This can be done with a brush. Do not use the tools again until the Starcoat Universal Cleaning Agent has fully evaporated.

Simply immersing the tools in the Cleaning Agent will not prevent the material from hardening.

Safety and risks

Please refer to the Safety Data Sheets for the products used.

General information

The above product and application information is based on extensive development work and experience and is provided to the best of our knowledge. However, the wide variety of requirements and conditions on site mean that it is necessary for the product to be tested to ensure that it is suitable for the intended purpose. Only the most recent version of the document is valid. We reserve the right to make changes to reflect advances in technology or improvements to our products. Axter Ltd makes no warranties, express or implied, as to the properties and performance under any variations from such conditions in actual construction.