

# Product Data Sheet

## STARCOAT PMMA M PRIMER

**Starcoat PMMA M Primer is part of the Starcoat PMMA liquid waterproofing system. It is a primer for use on metal substrates in preparation for the subsequent application of Starcoat PMMA waterproofing products.**

### Material

Single component, solvent-free, acrylate-based primer.

### Properties and advantages

- Easy to apply
- Very good bonding properties between metal substrates and Starcoat PMMA products applied to those substrates
- Solvent-free

## Areas of Application

Starcoat PMMA M Primer is used as a bonding agent between metal substrates (steel, aluminium, zinc, copper etc) and Starcoat PMMA waterproofing products or self-levelling mortars applied to those substrates. It is not suitable for overcoating with any other products, such as primer, finish, surfacer/filler, mortar.

## Packaging

Available in 1 kg tin.

## Colours

Starcoat PMMA M 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 any of the contents, reseal the containers so they are airtight.

## Application conditions

### Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range in °C		
	Air	Substrate*	Material
Starcoat PMMA M 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

Relative humidity must be  $\leq 90$  %. The surface to be coated must be dry and ice-free and must be protected from moisture until the coating has hardened.

## Reaction times

Temperature	Starcoat PMMA M Primer Drying Time
30°C	at least 1 hour
20°C	at least 2 hours
10°C	at least 3 hours
3°C	at least 4 hours

## Consumption rates

0.17 – 0.20 kg/m<sup>2</sup>

## Technical Data

Density: 1.51 g/cm<sup>3</sup>

## Application

### Application equipment/tools

For applying the product:  
Finishing roller (lambswool roller, minimal shredding)

### Substrate preparation

Grind down the metal surfaces and then rub with Starcoat PMMA Cleaner and a lint-free cloth prior to application.

### Mixing

Mix the primer thoroughly by stirring or shaking before application.

### Application

Use the finishing roller to apply an even coat of primer to the substrate. Avoid excess build-up of material in all areas, and especially in corners. If necessary spread the material evenly with the brush to avoid greater layer thicknesses. The Starcoat PMMA M Primer should be over coated with the next Starcoat PMMA product within 24 hours of its application.

### Cleaning

If work is interrupted or when it is completed, clean the tools thoroughly with Starcoat PMMA Cleaner within the pot life of the product. This can be done with a brush. Do not use the tools again until the Starcoat PMMA Cleaner has fully evaporated. Simply immersing the tools in the Cleaner will not prevent the material from hardening.

### Safety and risks

Refer to the Safety Data Sheets for the products used.

## General information

The above information, especially information about application of the products, is based on extensive development work as well as many years of 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.