Product Data Sheet

STARCOAT PMMA M PRIMER (SPRAY)

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.

Materials

Single component, physically drying synthetic resin.

Key benefits

- Easy to apply
- Very good bonding properties between metal substrates and Starcoat PMMA products applied to those substrates
- Adheres to all standard metal substrates
- Very high opacity
- Durable corrosion protection on iron and steel
- Very fast drying
- Spray jet can reach areas that are not easily accessible
- Very good water resistance

Areas of application

Starcoat PMMA M Spray Primer is used as a bonding agent between metal substrates (iron, 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 500ml spray can.

Colours

Starcoat PMMA M Spray Primer is grey.

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 36 months. Direct sunlight on the containers should be avoided, including on site.

Application conditions

Temperatures

The product can be applied within the following temperature ranges:

Product	Temperature range in °C		
	Air	Substrate*	Material
Starcoat PMMA M Spray Primer	+3 to +35	+3 to + 35*	+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 ≤ 85 %. The surface to be coated must be dry, clean and ice-free and must be protected from moisture until the coating has hardened.

Reaction times	
Temperature	**Starcoat PMMA M Spray Primer Drying Time**
30°C	approx. 20 minutes
20°C	approx. 30 minutes
10°C	approx. 40 minutes
3°C	approx. 45 minutes

Consumption rates

0.1 l/m2

Application

Application equipment/tools For applying the product: Spray can.

Substrate preparation

The substrate to be coated must be free from any dirt or contamination. This includes existing coatings, rust, grease and oil.
Severe dirt can be removed be mechanical means, e.g. a sander or wire brush.
Use Starcoat PMMA Cleaner for removing contamination such as grease and oil.
The surface must be roughened slightly to provide a key before the primer is applied.
Please ensure that the surrounding surfaces are covered so that they are protected from the atomised spray.

Application

Shake the can for at least 2 minutes prior to application.
Then spray the primer onto the substrate to be coated, holding the nozzle about 15 - 20 cm from the surface. Avoid applying excessive amounts as this could impair the adhesive strength. Optimum results, including active corrosion protection are obtained at a layer thickness of around 30 µm.
Once the primer has been applied, hold the can upside down and press the sprayer briefly to clear the riser and prevent it from clogging.
The primer should be overlaid with the next Starcoat PMMA products within 8 hours of its application. If this time is exceeded, one further layer of primer may be applied, as described above.

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.