

# Technical Data Sheet

## Starcoat PMMA Catalyst

**Starcoat PMMA Catalyst is an essential component of Starcoat PMMA cold applied liquid waterproofing resins . It starts and adjusts the curing reaction and the speed of reaction is adjusted to the ambient conditions by modifying the amount of catalyst added.**

### Material

Oxygen-rich, powered peroxide-based compound.

### Properties and advantages

- Easily soluble
- Highly effective

### Uses

Starcoat PMMA Catalyst is mixed with Starcoat PMMA liquid waterproofing products to enable the curing process to take place. It both initiates and controls the speed of the curing reaction. The reaction speed is influenced by adjusting the amount added and this method is used to adapt the reaction to the ambient conditions (temperature).

## Packaging

0.10kg	Plastic bag
25.00 kg	Carton

## Colours

Starcoat PMMA Catalyst is a white powder.

## Storage

The catalyst must only be stored in closed containers in dry conditions, away from heat and ignition sources and at temperatures below 25°C.

Unopened packages have a minimum shelf life of 12 months.

Heat can cause the powder to clump together and reduce its effectiveness.

Warning: the powder can self-ignite if it is heated to a higher temperature, by direct sunlight for example, so the catalyst should be kept out of sunlight at all times, including on site.

## Required amounts of catalyst

The amount of catalyst required is dependent on the product used, the quantity of product and the temperature conditions. For further details about the recommended quantities of catalyst please refer to the product data sheets for Starcoat PMMA products.

## Technical Data

Density 1.23 g/cm<sup>3</sup>

Apparent density 0.65 g/cm<sup>3</sup>

## Application

### Application equipment/tools

For mixing product: Twin paddle stirrer

### Mixing

Add the Starcoat PMMA Catalyst while stirring the Starcoat PMMA liquid waterproofing product. The stirring action causes the catalyst to dissolve and ensures an even distribution. For accurate details refer to the product data sheet/s for the Starcoat PMMA-based product/s used.

### 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.