

Product Data Sheet

STARCOAT PMMA CATALYST (2016)

Starcoat PMMA Catalyst is an essential component of Axter's Starcoat PMMA cold applied liquid waterproofing system. It is a free-flowing, 50% peroxide formulation, on a phthalate-free carrier for curing Starcoat PMMA both at ambient and elevated temperatures

Product information

Product name	Product code	Item weight
Starcoat PMMA Catalyst (5kg) (2016)	2000422	5 kg (50 x 100g bags)

Material

Starcoat PMMA Catalyst is a non-caking, fine, granular powder with free-flowing properties containing 50% dibenzoyl peroxide, on a phthalate-free carrier. It has an active oxygen content of 3.3%.

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 modified by adjusting the amount of catalyst and this method is used to adapt the reaction to the ambient conditions (temperature).

Packaging

100g Plastic bag

Colour

Starcoat PMMA Catalyst is a white powder.

Characteristics

Bulk density	640kg/m ³
Density	1.343g/cm ³
Poured bulk density	666kg/m ³
Tapped bulk density	766kg/m ³

Storage and handling

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

Starcoat PMMA Catalyst must not be weighed out in the storage room. Avoid contact with reducing agents (e. g. amines), acids, alkalis and heavy metal compounds (e. g. accelerators, driers and metal soaps).

Unopened packages have a minimum shelf life of 12 months.

On rare occasions, the product might undergo agglomeration during transportation and/or storage. If that happens, the lumps can be broken by gently massaging the bag of product. Agglomeration may be worse when the product is stored or transported at temperatures above Ts max. (+25°C).

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 Technical Data Sheets for Starcoat PMMA products.

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 Technical Data Sheet/s for the associated Starcoat PMMA product/s.

Safety and risks

Please refer to the Safety Data Sheets (SDS) for full information.

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