

Product Data Sheet

STARCOAT PMMA MORTAR

Starcoat PMMA Mortar is a fast-reactive repair and levelling mortar.

It is used to fill cavities in the substrate and to smooth over faults in preparation for the application of Starcoat PMMA liquid waterproofing.

Material

2-component, fast-reactive PMMA-based (polymethyl-methacrylate) repair and levelling mortar with a filler mix.

Properties and advantages

- Easy application.
- Can also be applied at sub-zero temperatures.
- Fast-curing.
- Abrasion resistant.
- Watertight (depending on correct intermediate compression).
- Resistant to frost and de-icing salt.
- Stable under pressure.
- Largely resistant to acids, alkali solutions and diesel.
- UV-, hydrolysis and alkali-resistant.
- Solvent-free.

Areas of application

Starcoat PMMA Mortar is part of the Starcoat PMMA liquid waterproofing system and is used as a repair and levelling mortar. It can also be used to even out gradients on cement-bound and bitumen-bound substrates so is suitable as a re-profiling mortar under Starcoat PMMA products, as a replacement for mastic asphalt or asphalt concrete, as a base mortar for installing manhole frames, for pressure distribution when the surfacing material is compressed or for forming lane grooves and for use as a fixing mortar.

Packaging

Starcoat PMMA Mortar comprises the mortar (base resin), the Starcoat PMMA aggregate, together with the Starcoat PMMA Catalyst.

1.00kg	Starcoat PMMA Mortar (base resin)
9.00 kg	Starcoat PMMA Mortar aggregate
0.10kg	Starcoat PMMA Catalyst (summer and winter)
10.10kg	

3.34kg	Starcoat PMMA Mortar (base resin)
30.00kg	Starcoat PMMA Mortar aggregate
0.20kg	Starcoat PMMA Catalyst (summer and winter)
33.54 kg	

Colours

Starcoat PMMA Mortar is asphalt black.

Storage

Products should be stored sealed in their original airtight container and in a cool, dry, frost-free place. Avoid warm storage areas (>30°C) even for short periods, for example on site. The products must not be exposed to direct sunlight or kept in a vehicle. Unopened products have a shelf life of at least 3 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

Application equipment/tools

For mixing product: Stirrer with spiral mixer head

For applying the product: Smoothing trowel

Substrate preparation

Apply the Starcoat PMMA Mortar to the hardened Starcoat PMMA primer.

Mixing

Shake the resin component and add all of it to the aggregate mixture.

Add the correct amount of Starcoat PMMA Catalyst for the container size:

- 100g for a 10kg container
- 200g for a 33.34 container

Stir fully for 3 minutes using a compulsory mixer (spiral mixer head).

There must be no lumps or nodules and all the material on the base and ensure that all the product on the base and sides of the container is incorporated. To achieve this, it is helpful to re-pot the material once during the mixing process.

Application

Pour the mortar on to the primed surface, compress and finish immediately with a smoothing trowel.

The mortar can be applied in layer thicknesses of up to 50 mm in a single operation.

Note: the mortar must be worked well into the corners (compressed).

Preparation for subsequent layers

None required.

Cleaning

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 (approx. 10 minutes). 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 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.

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