

Description

Caltech QC Paste is a two-component polymethyl methacrylate (PMMA) based paste.

Use

To level substrate irregularities, fleece overlaps, and localised depressions within Caltech QC systems.

Initial Mixing / Decanting

- Thoroughly mix the resin in the drum with a slow speed agitator until the resin achieves a uniform consistency.
- If required, decant a measured weight of resin into a suitable receptacle.

Catalysing

- Measure the appropriate weight of Caltech QC Catalyst for the weight of resin and the temperature.
- Add the catalyst to the pre-mixed resin.
- Thoroughly mix the resin and catalyst using a slow speed mechanical agitator until the catalyst has been evenly distributed.
- Leave the paste and catalyst for 1-2 minutes to allow catalyst to dissolve.
- Re-mix prior to using the paste within the pot life.

Temperature	0°C - 25°C	25°C - 35°C
Catalyst %	6%	4%
Catalyst per 15.00kg of resin	0.90kg	0.60kg

Product Information

Packaging	Resin: 15kg drums Catalyst: 0.10kg bag / 25kg box
Colour	Pebble Grey (RAL7032)
Cure time	Rainproof: approximately 30 minutes at +20°C Can be walked on / next layer applied: approximately 1 hour at +20°C.
Pot life	Approximately 10 minutes at +20°C. Times will be slightly increased at lower temperatures and reduced at higher temperatures.
Storage	Store unopened in the original container in a cool, dry, well-ventilated area above freezing and away from direct sunlight. Once opened, reseal the container tightly and avoid direct sunlight during storage on site.
Shelf-life	Approximately 12 months when stored as directed

Application

- Prior to application, substrate temperature must be a minimum of 3°C above dew point.
- Apply using a trowel or spatula.
- Apply an excess of Caltech QC Paste to the area or defect to be filled / levelled.
- Press into the void or apply smoothly across the surface with the trowel or spatula ensuring application at the minimum specified thickness and removing excess resin.
- For fleece lap levelling apply a strip of material along the lap and level by trowel under pressure.
- Allow to cure.

For full installation requirements, refer to the Alumasc project specification.

Health & Safety

Safety Data Sheets are available upon request and can also be downloaded directly from www.alumascroofing.com.