

Product Data Sheet

Caltech QC Paste

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Description

Caltech QC Paste is a 2-component polymethylmethacrylate (PMMA) based paste.

Use

For use as a paste to level out any unevenness in the substrate and any unevenness at fleece overlaps and depressions in 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 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 resin and catalyst for 1 - 2 minutes to allow catalyst to dissolve.
- Re-mix prior to using the resin 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

Application

- Apply using a trowel or spatula
 1. Apply an excess of Caltech QC Paste to the area or defect to be filled / levelled
 2. 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
 3. For fleece lap levelling apply a strip of material along the lap and level by trowel under pressure
 4. Allow to cure

Cleaning

- If overlaid after more than 12 hours, clean with Caltech QC Cleaner and overlay between 20 and 60 minutes after cleaning.
- If substrate is contaminated, clean with Caltech QC Cleaner and overlay between 20 and 60 minutes after cleaning.
- Clean tools with Caltech QC Cleaner.

Product Data

Packaging	Resin: 15kg drum Catalyst: 0.10kg bag / 1.00kg bag / 25.00kg box
Colour(s)	Pebble Grey (7032)
Coverage	Approximately 1.40kg/m ² per mm thickness on a smooth, even surface
Application	Trowel / spatula
Cure time	Can be walked on / next layer applied: approximately 1 hour at +20°C. Note: Drying times will be slightly increased at lower temperatures and slightly reduced at higher temperatures.
Pot life	Approximately 10 minutes at +20°C. Note: Pot life will be slightly increased at lower temperatures and slightly reduced at higher temperatures.

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Storage	Can be stored unopened in a cool, dry, well ventilated place above freezing and out of direct sunlight in the original container. If the contents have been opened, re-seal ensuring the lid is air tight. Avoid direct sunlight on site.
Shelf-life	For at least 6 months if stored as above.

Health & Safety

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

Technical Support

Technical advice is available from Alumasc Technical Services at:

Telephone: +44 (0)1744 648400

Email: technical@alumascroofing.com

The company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.

