

CP151

MMA, METAL & TILE PRIMER



KEY BENEFITS SUMMARY

- Good adhesion to metal and tiled surfaces
- Fast curing primer, even at low temperatures
- Can be applied at temperatures as low as -10°C
- Quick and easy to apply
- Moisture tolerant

PRODUCT INFORMATION

Description

CP151 is a two component, low viscosity metal and tile primer for TREMCO MMA Systems.

Usage / Purpose

CP151 is suitable for use on iron, stainless steel, aluminium and tiles. It is recommended that curing and adhesion tests are conducted prior to use on site. (Refer to our Technical Service Department for additional information).

LIMITATIONS

Must be used neat. Not suitable for use on non-ferrous metals.

Colour

Colourless

Packaging

CP151: 180 kg steel barrels or a 20 kg unit

CP510 Initiator: 2 kg or 25 kg units

Availability

Direct from tremco illbruck (see back of leaflet for address and telephone details).

Standards

For flooring applications, all aspects of the installation must be in accordance with the requirements of BS8204 and supplementary specifications.

Design Considerations

The most appropriate TREMCO MMA System is determined by assessing the condition of the substrate, the environmental conditions (eg. type and nature of traffic, spillages, cleaning requirements, etc.); therefore, it is essential that a tremco illbruck Technical Sales Representative conduct an onsite survey to determine correct specification.

Site Preparation

The concrete substrate must be to the correct specification for TREMCO MMA System application.

In the interest of all parties, tremco illbruck should be consulted at the design stage and it is recommended that a tremco illbruck representative should attend site to confirm the specified standard.

Moisture Testing

(In Accordance with BS 8203)

- Hygrometer readings must be taken and recorded so that the correct system can be selected.
- Concrete curing compounds and over trowelled concrete will extend the time taken for the hygrometer to reach equilibrium.
- Subfloor measurement readings of up to 75% RH (measurable) can be accommodated with the System.

Surface Preparation

- The surface must be smooth, dry, firm, solid and free of dust, fat and oil and any other contaminants liable to prevent adhesion to the substrate.
- The concrete must be mechanically prepared. In most situations, shot blasting is preferred.
- For further details see our general preparation and application guidelines for TREMCO MMA systems.

Method of Application

- CP151 must be stirred well to achieve an even distribution with no separation. Then the CP510 Initiator should be mixed thoroughly into CP151 using a slow speed drill and paddle.
- The mixed material can then be poured onto the floor in ribbons and spread on the surface using a short pile roller. For larger areas a notched rubber squeegee may be used to speed application.
- Highly absorbent surfaces may require additional applications. Priming should continue until a dry closed film is achieved.
- Apply TREMCO CP507 Medium Sand or TREMCO CP508 Medium Fine Sand - Natural (particle size 0.7-1.2 mm or 0.3-0.7 mm) into the still wet primer at a rate of approximately 2.25 kg/m² - specification dependent.
- For further details contact our tremco illbruck Technical Sales Representative.

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TREMCO

Dosage Chart

A typical addition rate for 20°C or below is 2% addition of initiator by weight of the resin. For temperatures above 20°C, please contact tremco illbruck Technical Services.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.

tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

TECHNICAL DATA

PROPERTY	RESULT
Composition	A low viscosity, colourless, two component reactive resin based on methyl methacrylate (MMA).
Viscosity (DIN 53018 at +25°C)	100 - 130 mPa*s
Density (ISO 2811 at +25°C)	0.99 g/cm ³
Pot Life/Application Window (at 20°C)	Approximately 15 minutes
Curing Time (at +20°C)	Approximately 30 minutes
Flash Point (ISO 1516)	+11.5°C
Tensile Strength (ISO 527)	13.8 N/mm ²
Elongation at Break	1.3%
E Modulus	1500 N/mm ²
Density (ISO 1183 at +20°C)	1.16 g/cm ³
Application Temperature	CP151 can be applied at substrate and ambient temperatures as low as -10°C, providing that the substrate is frost free
Coverage	Approximately 0.3 kg/m ² per coat.
Storage	Store in dry, shaded conditions between +15°C and +25°C
Shelf Life	6 months when stored as recommended in original unopened containers



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