

CP150

MMA CONCRETE PRIMER



KEY BENEFITS SUMMARY

- Fast curing concrete primer which cures in approximately 30 minutes
- Can be applied at temperatures as low as -10°C
- The MMA Coating System can be open to vehicular traffic within 2 hours
- Quick and easy to apply

PRODUCT INFORMATION

Description

CP150 is a two component concrete primer, consisting of CP150 Resin and CP510 Initiator. CP500 Filler and CP508 Medium Fine Sand may be added when using as a high build primer.

Usage / Purpose

CP150 is suitable for priming concrete, brick and masonry substrates prior to the application of the specified MMA Rapid-cure coating system.

Packaging

CP150 Resin:

800 kg IBCs, 180 kg steel barrels and 20 kg drums

CP510 Initiator: 2 kg bags and 25 kg boxes

CP500 Filler (optional): 25 kg bags

Colour

CP150 Resin:

Colourless

CP510 Initiator:

White powder

CP500 Filler:

Natural

Availability

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

Surface Preparation

- The surface must be smooth, dry, firm and free of dust, fat and oil and any other contaminants liable to prevent adhesion to the substrate.
- The concrete must be mechanically prepared by shot blasting.

Application Instructions

- CP150 Resin should be stirred well to achieve a homogeneous state. Once fully mixed, add CP510 Initiator and mix thoroughly again using the same method as above. When used as a high build primer coat CP500 Filler should then be added and mixed thoroughly into the resin using a slow speed drill and paddle. CP508 Medium Fine Sand should then be added and mixed thoroughly into the resin using a slow speed drill and paddle. Refer to the table below for dosage rates.
- For application of CP150 as a primer coat use a short pile roller.
- When applying as a high build coat pour the mixed material onto the floor in ribbons and spread using a notched rubber squeegee.
- Apply CP508 Medium Fine Sand into the still wet primer at a rate of 1.5 kg/m² or as required.
- For application details refer to tremco illbruck Technical Services.

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.

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TREMCO

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	CP150 is a two component methyl methacrylate-based concrete primer
Viscosity (DIN 53018 at +25°C)	100 - 130 mPa*s
Density (ISO02811 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 (ISO527)	10.3 N/mm ²
Elongation at Break	0.62%
E Modulus	1990 N/mm ²
Density (ISO 1183 at +20°C)	1.16 g/cm ³
Application Temperature	CP150 can be applied at substrate and ambient temperatures as low as -10°C, providing that the substrate is frost free
Coverage	Application rates may vary depending on substrate conditions
Storage	Store in dry, shaded conditions between +15°C and +20°C
Shelf Life	6 months when stored as recommended in original unopened containers



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