

P12 PRIMER



PRODUCT CODE:	3319 - 250cc. 3320 - 0.5 litre pack. 3325 - 1 litre pack. 3330 - 5 litre pack.
DESCRIPTION:	P12 PRIMER is a solvent free 2-part unfilled epoxy primer usually used in conjunction with epoxy mortars and screeds. Special versions are available for use with potable water and timber substrates.
PACKAGING:	0.5 litre - 250-350 gms/m ² on average concrete 1 litre - Proportional to the above 5 litres - Proportional to the above
PREPARATION:	Primer should only be applied to thoroughly prepared surfaces. General: All surfaces should be sound, dry and free from grease, oil and any other contaminants. Concrete: Concrete must be fully cured. All laitance must be removed by either grinding, acid etching, scarifying, scabbling, bush hammering, shot blasting, wet grit and sand blasting or flame cleaning. Metal Substrates: Any steel intended for treatment must be free of blue millscale. Firm adherent light rust may be tolerated. Heavy scale and loose rust must be removed. All machine oil and grease must be removed. The ideal treatment for steel is grit or shot blasting to commercial standard SA2±. Other metals such as aluminium, copper and stainless should be grease free and lightly abraded with 320 grade carborundum paper. Timber should be clean, dry and free from contamination and timber preservative.
MIXING:	The contents of the hardener (curing agent) are added to the contents of the base resin container and mixed thoroughly. Pot life 30 - 50 minutes dependent on ambient temperature.
APPLICATION:	Rotafix P12 PRIMER can be applied by brush, roller, squeegee or steel trowel dependent, upon type of substrate. Rotafix P12 PRIMER may be used with most products in the Rotafix range. Before use, reference must be made to the technical information on the relevant product.
COVERAGE:	1 litre covers approximately 3m ² on stone, or 5m ² on steel.
CURE SCHEDULE:	Maximum chemical bond between primer and mortar application is achieved whilst the Primer is still in the tacky state. In the event that the P12 PRIMER is fully cured, it will be necessary to overcoat before application of the mortar.
CURED PROPERTIES:	Base resin, low viscosity 100% reactive. Viscosity 12,000 mPa.s. at + 25°C. Density 1.12. Shelf life 12 months, providing extremes of temperature are avoided. Pot life 20-30 minutes/100gms mass at + 20°C. Touch dry - 3 hours at +20°C at 15 microns. Full cure - 7 days at +20°C. Compressive strength: >50N/mm ² . Tensile strength: 25N/mm ² . Flexural strength: 35N/mm ² .
SPECIFIC USES:	P12 PRIMER may be used for bonding new concrete to old.
APPROVAL:	P12 PRIMER conforms to the Water Research Council test requirements of BS 6920 for use in potable water situations.
CLEANING OF TOOLS:	Uncured P12 PRIMER may be readily removed from tools and equipment with Rotafix s200 PC Solvent Cleaner. Mechanical methods are required to remove cured material.

Epoxy resins and their associated curing agents can cause irritation to some people. Please take the necessary precautions indicated in the COSHH details available from our offices. Please read our Users Safety Guide on the Handling of Resin and Polymer products.

The information in this document is based on practical tests, but given without guarantee inasmuch as methods of use by others is beyond our control. Due to continuing development and improvements, it may be necessary to change without notice the material specification. All goods are sold subject to our Standard Conditions of Sale.



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