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Global GC 19 Epoxy

Description

Global CR Epoxy is a water thinnable epoxy finish coating designed to give excellent protection to substrates that are subject to chemical attack. With high resistance to chemicals and water this coating is used for the protection and decoration of suitably primed steel, unprimed concrete and rendering in severe environments. It is non flammable and has low odor content, thus making it suitable for use in areas where paint fumes/odour would be objectionable.

Uses

Being highly resistant to chemicals Global CR Epoxy lends itself to use in factories where chemicals are present and marine environments where chemicals may come into contact with the coating. Particularly good at resisting water and humidity, this product is suitable for use in boiler rooms and wet environments where conventional coatings would fail.

Application

Material is supplied in two components pack A and pack B which should be mixed thoroughly together, before use. After thoroughly mixing, add up to 5% water to aid the flow characteristics.

Airless spray:

Pressure: 2800 p.s.i.
Tip size: 0.017-0.019 inch

In cold conditions the drying times and recoating times will be extended.

Application to Concrete:

Concrete surface must be dry and free from laitence. Apply WT Epoxy finish directly to the clean surface.

Thin the first coat with up to 15% water, followed by two full coats, thinned 5% with water, of WT Epoxy finish.

Material	WT Epoxy Finish (2pk)
Type of material -	Water thinnable epoxy resin
Colour -	Selected range
Finish -	Glossy.
Solids by weight -	60%
Average wet film thickness -	100 microns
Average dry film thickness -	60 microns
Theoretical spreading rate -	8-9 sq.metres per kg

Drying times at 20oC	
Hard dry -	8 hours (7 days full cure)
Overcoating Interval	16 hours
Relative humidity	Up to 85%
Application	Brush, roller.
Substrate -	Suitably primed steel. Concrete.
Flash point	nil
VOC	31 gm/litre
Thinning solvent -	Water
Cleaning solvent -	Water
Storage life -	6 months
Minimum ambient application temperature -	7°C
Mixing ratios	
Base (A). Hardner(B).	Ratio by weight Pack A Pack B. 3 1
Pot life	1.5 hours after mixing dependant on temperature.

Resistance

Weathering	Excellent
Chemicals	Very good
Solvent -	Variable according to type of solvent.
Oil -	Excellent
Water/Humidity -	Excellent
Temperature -	120°C
Impact -	Very good
Abrasion -	Very good

Before using this product, read the label on the container and consult the material safety data sheet.

This is data sheet is for general guidance only. The information is believed to accurate at time of printing. However, it is given without obligation.