



EPOXY PROTECTIVE PRIMER TWO- PACK

Specially formulated for airless spray application to shot or grit-blasted steel, Epoxy Protective Primer is an economic method of protecting the blast cleaned surface for limited periods prior to the application of the full protective coating system. It may be over coated with most types of protective coatings including those based on chlorinated rubber, vinyl or epoxy resins, but should not be used beneath inorganic silicate coatings. Prior to shop fabrication, or when used as a transit primer, its rapid drying allows handling within a few hours of application and it is valuable in site blasting of large areas e.g. storage tanks, where it used to protect areas of blasting within the specified re-coating period, and then allows work to proceed in adjacent areas without the danger of damage, which would occur with slower drying Primers. It is less suitable for automatic blasting plants, unless very efficient heating is available. In projects where steelwork is likely to be left exposed for long periods without final coating, the use of Zinc Rich Epoxy Primer is recommended.

PHYSICAL CHARACTERISTICS OF WET PAINT

Pigment composition	Red oxide, mineral extenders	
Pigment %	42 ± 2	
Binder type	Epoxy resin/polyamide	
Binder %	20 ± 2	
Thinner composition	Aromatic hydrocarbon/glycol ethers	
Thinner%	38 ± 2	
Volume solids%	37 ± 2	
Specific gravity of paint	1.35 ± 0.03	
Base: Activator ratio by volume	5: 1	
Pot life	At 30° C maximum	8 hours
	At 20° C	24 hours
	At 7° C	48 hours

PHYSICAL CHARACTERISTICS OF DRY FILM

Drying time of standard	At 30° C	1 hour	
Drying time of standard	At 20° C	3 hours	
Drying time of standard	At 7° C	6 hours	
		Minimum	Maximum
	At 30° C	3 hours	
	At 20° C	4 hours	1 month
	At 7° C	6 hours	
	Wet paint:	47-65 microns (2 - 2 ½ Mils)	
	Dry film:	18-25 microns (3/4 - 1 Mil)	
Theoretical coverage on smooth surfaces	15.6-22.05 m ² /Liter (87-120 sq. yds/imp.gln. Or (11.61-16.12 m ² /kg) *If not recoated within 1 month, under severe conditions, blasting and repriming of localized areas of breakdown may be necessary.		

APPLICATION

Brush/roller	Not recommended
Conventional spray	
Thinner addition by volume	5-10%
Recommended thinner	Epoxy Thinner

SURFACE PREPARATION

Blast clean to BS 4232:1967 'Second Quality' (Swedish Standard SA 2 ½) or SSPC SP9 minimum, Prime immediately after blasting. If this is impracticable blasting and priming must both be completed within the same working day and before the standard of blasting has deteriorated.

PAINT SYSTEM

As specified.

Pack size

Base - 16.66 Liters.
Activator - 3.34 Liters.

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