

DESCRIPTION

Megamar epoxy zinc rich primer M114 is a two component, polyamide cured epoxy zinc rich primer. It cures to a hard wearing and weather resistant coating. Provides cathodic protection of partial mechanical damage.

RECOMMENDED USE

As a general purpose, long-time primer on steel in moderately to severely corrosive environment. Polyamide curing agent 010 is suitable for application in tropical and subtropical weather, and suitable for shopprimer.

PHYSICAL CONSTANTS

Curing agent:	010	
Finish:	Semi-flat	
Colours:	Red-grey	
Shade Nos.:	9173	
Volume solids:	Approxr. 49 %	
Theoretical spreading rat:	Approx. 9.8m ² /L	(50 micron dry film thickness)
Temperature resistance:	Maximum (dry): 160°C	
Flash point:	30°C	
Specific gravity:	Approx. 2.4 kg/L	
Dry to touch:	Approx. 2 hours	(20°C)
Fully cured:	1 week	(20°C)
Shelf life:	1 year	(20°C)

APPLICATION DETAILS

Curing agent:	010		
Mixing ratio:	Base M114 : Curing agent 010 = 12 : 1 part	(by weight)	
Application method:	Airless spray	Air spray	Brush
Thinner:	9010015	9010015	9010015
Max. Vol.:	15%	15%	15%
Pot life:	8 hours	(20°C)	
Nozzle orifice:	0.017-0.021"		
Nozzle pressure:	150 kg/cm ²	(Airless spray data are indicative and subject to adjustment.)	
Cleaning of tools:	Megamar tool cleaner T490		
Indicated film thickness:	Wet: 60 micron	Dry: 30 micron	(see Remarks)
Recoat interval:	(see Remarks and application instruction)		
Surface preparation:	Remove oil and grease with suitable cleaner. Remove salt and contaminants by high pressure fresh water cleaning. Abrasive blasting to Sa2.5 with a surface profile equivalent to Rugotest No.3, BN9a.		
Application conditions:	Use curing agent 010 only when application and curing can proceed at temperature above 10°C. The surface temperature should also be above this limit. As temperature at / below freezing point, freezing may occur on the surface and influence the adhesion of the film. The temperature of the paint itself preferably be above 15°C. Apply only on a clean and dry surface with a temperature above the dew point to avoid condensation. Provide adequate ventilation during application and drying in confined spaces.		
Subsequent coat:	See "Remarks " and "Application instruction".		

REMARKS

May be specified in another film thickness than indicated depending on purpose and area of use. This will correspondingly alter spreading rate and may influence amount of thinning , drying time and recoat interval. Normal range for film thickness: 15-50µm.

Attention: Do not use zinc-rich primer on the isolated coating.

Recoat:	Recoat interval is related to exposure condition. See the table below and "Application Instruction". (Recoat interval at 20°C)
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Megamar M114

Epoxy Zinc-rich Primer M114

Megamar	(Recoat with) :	(Min.)	(Max.)
	Epoxy series	6 (hours)	30 (days)
	Chlorinated rubber hi-build paint HR210	6 (hours)	24 (hours)

The maximum recoat interval refers to surfaces exposed in periodical immersion, heavy condensation, great variation in temperature, chemical attack and/or abrasion during service life of the coating system. If maximum recoat interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion. If the surface exposed to contaminated environment prior to overcoating, thoroughly hose down the surface by high pressure fresh water and allow to dry. In addition, scrubbing with a stiff brush to remove zinc corrosion products (white rust). This product is approved as wold-through shopprimer by the Register of Shipping of the People's Republic of China.

NOTE

Megamar epoxy zinc-rich primer M114 is for professional use only.

SAFETY

Packings are provided with applicable safety labels which should be observed. In addition, national or local regulations should be followed. As a general rule, inhalation of solvent vapours or paint mist, and contact of liquid paint with skin and eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

OTHER NOTICE

All information in this product data sheet is based on standard conditions and slight variation may occur with different conditions. All information in our company is subject to change without notice.