

DESCRIPTION

Megaborne Water-based Two-component Epoxy Coatings 170 is a epoxy-polyamide coatings, overcoatable with one and two components water and solvent based products. It cures to a coating with excellent anticorrosive resistance, excellent resistance to hydrocarbon. It is harmless to grain and approved by ENEL and FDA.

RECOMMENDED USE

As a interior surface top coat for container.
In mildly to moderately corrosive environments for steel and aluminium surfaces.

PHYSICAL CONSTANTS

Curing agent:	030 0014	
Finish:	Semi-flat	
Colours:	RAL card	
Shade Nos.:	7035	
Weight solids:	53±3%	
Theoretical spreading rate:	11 m ² /Kg	<i>D.F.T.=40um</i>
Temperature resistance:	Maximum (dry): 120°C	
Flash point:	n.i.	
Specific gravity:	Approx. 1.2	
Dry to touch:	Approx. 2 hours	(20°C)
Fully cured:	72hours	(20°C)
Shelf life:	1 year	(20°C)

APPLICATION DETAILS

Curing agent:	030 0014		
Mixing ratio:	Base 170 : Curing agent 030 0014 = 11 : 1	(by weight)	
Application method:	Airless spray	Air spray	Brush
Thinner:	Demineral water	Demineral water	Demineral water
Max. Vol.:	5%	10%	5%
Pot life:	8-12hours	(20°C)	
Nozzle orifice:	0.015-0.018"		
Nozzle pressure:	200 kg/cm ²	(Airless spray data are indicative and subject to adjustment.)	
Cleaning of tools:	water		
Indicated film thickness:	Wet: 90 micron	Dry: 40micron	(see Remarks)
Recoat interval:	(see Remarks and application instruction)		
Surface preparation:	Steel: Abrasive blasting to Sa2.5 or SSPC SP10 with a surface profile Rz=20-35um, or iron phosphates phosphogreasing. Aluminium: degreasing, chromium-plating.		
Application conditions:	In case of high R.H., ventilation and oven are suggested. Water based product keep away from frost.		
Preceding coat:	Megaborne water-borne epoxy zinc rich primer 116, water-based epoxy primer 150 or according to specification.		
Subsequent coat:	Megaborne 200 or according to specification.		

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: 40-60µm.

Recoat: Recoat interval is related to exposure condition. See the table below and "Application Instruction".

Megaborne	temperature	20°C		60°C	
		Recoat with:	Min.	Max.	Min.
	Megaborne 170	2 hours	1 week	30 minutes	3 days

NOTE

Megaborne water-based two-component epoxy coatings 170 is for professional use only.

SAFETY

Megaborne 170

Water-based Two-components Epoxy Coatings

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.