

# EPICON A-100 PRIMER

EPICON A-100 PRIMER, based on the combination of epoxy resin, curing agent and selected pigments, has excellent adhesion property on aluminum and aluminum alloy and has excellent water resistance.

## TECHNICAL DATA

Type	Epoxy primer for aluminum surface					
Recommended Use	Primer for aluminum and aluminum alloy					
Information	Mixing Ratio	: Base : Hardener = 71 : 29 [by volume] : Base : Hardener = 3 : 1 [by weight]				
	Color	: Pale White				
	Flash Point	: Base = 23.0, Hardener = 27.5 [deg C]				
	Density	: 1.08 [g/ml]				
	Volume Solid	: 47 + 2 [volume %]				
	Coverage (Theoretical)	: 0.053 - 0.074 [L/ m <sup>2</sup> ], 0.057 - 0.080 [kg/ m <sup>2</sup> ]				
	Film Thickness	: WET 53 - 74 [microns], : DRY 25 - 35 [microns],				
			5 °C	10 °C	20 °C	30 °C
	Drying Time	Set-to-touch	1 hr.	45 mins.	30 mins.	20 mins.
		Hard dry	12 hrs.	8 hrs.	6 hrs.	4 hrs.
	Painting Interval	Min.	16 hrs.	12 hrs.	8 hrs.	6 hrs.
		Max.	7 days	7 days	7 days	7 days
	Pot Life		24 hrs.	20 hrs.	18 hrs.	12 hrs.
	Induction time		30 mins.	30 mins.	15 mins.	-
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 5 °C : Humidity : Max. 85 % RH				
	For Airless Spray	: Viscosity : (Ford Cup #4) 20 - 50 [sec] : Tip No. : (GRACO) 413, 517 : Paint Output Pressure : 6.9 - 10.3 [Mpa] : Spray Speed : 60 - 120 [cm/sec]				
	Thinner	: EPOXY THINNER A : Thinning : 0 - 20 % by volume				
	Surface Preparation	: Sanding is required. The surface to be painted must be clean, free from dust, dirt, oil grease or other foreign matters.				
	Preceding Coats	: -				
	Subsequent Coats	: EPICON UNDERCOAT HB, EPICON FINISH HB, UNY MARINE HS, etc.				
	Packaging Size	Two pack product 16kg/set, 4kg/set for size in Indonesia only				
Storage	Shelf Life / 12 months after the date of production Subject to the satisfactory results of inspection, the product exceeding 12 months may be used.					
Safety	Follow all the local or national Health, Safety and Environment regulation. Read and follow all the precautionary notices on Material Safety Data Sheet and Container Labels. Apply only at ventilated areas. Handle with care.					
Notes	1. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly by a power agitator. Then add appropriate thinner and mix thoroughly. 2. Density and Volume Solid are measurement data of product samples without thinner. And there are various value depending on color or manufacturing regulation etc.					

The information given in this sheet is effective at the date shown above and subject to revision from time to time without notice.

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