

UNIVAN NT

UNIVAN NT, a modified epoxy rust-preventing paint based on the combination of epoxy resin and polyamide resin pigmented with lead and chromium free rust preventing pigments.

It has excellent rust-preventing property, excellent compatibility with other kinds of subsequent paints, excellent physical properties such as toughness, impact and abrasion resistance, and excellent chemical resistance to fresh water, sea water, oil, alkaline and weak acids.

TECHNICAL DATA

Type	Modified epoxy primer					
Recommended Use	As primer for plants, oil storage tanks exterior, towers, bridges and other steel structures.					
Information	Mixing Ratio	: Base : Hardener = 70 : 30 [by volume] Base : Hardener = 80 : 20 [by weight]				
	Color	: Reddish brown, Brown, Grey				
	Flash Point	: Base = 22.5, Hardener = 27.0 [deg C]				
	Density	: 1.34 [g/ml]				
	Volume Solid	: 57 ± 2 [volume %]				
	Coverage (Theoretical)	: 0.105 - 0.175 [L/ m ²], 0.141 - 0.235 [kg/ m ²]				
	Film Thickness	: WET 105 - 175 [microns], DRY 60 - 100 [microns],				
			5 °C	10 °C	20 °C	30 °C
	Drying Time	Set-to-touch	: 3.5 hrs.	2 hrs.	1.5 hrs.	1 hr.
		Hard dry	: 38 hrs.	28 hrs.	16 hrs.	12 hrs.
	Painting Interval	Min.	: 38 hrs.	28 hrs.	16 hrs.	12 hrs.
		Max.	: 7 days	7 days	7 days	7 days
	Pot Life		: 24 hrs.	16 hrs.	12 hrs.	8 hrs.
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 5 °C Humidity : Max. 85 % RH				
	For Airless Spray	: Viscosity : 1.2 - 1.4 Pa s Tip No. : (GRACO) 621 Paint Output Pressure : 14.7 - 17.7 [Mpa] Spray Speed : 60 - 80 [cm/sec]				
	Thinner	: EPOXY THINNER A Thinning : 0 - 20 % by volume				
	Surface Preparation	: In case of direct application to the steel surface, SIS-Sa2.5 or SIS-St3 is required.				
	Preceding Coats	: CERABOND 2000, EPICON ZINC RICH PRIMER B-2, etc. Every kind of aged paint film such as oleoresinous, chlorinated rubber, epoxy, etc.				
	Subsequent Coats	: Most kinds of paints such as oleoresinous, epoxy, polyurethane.				
Packaging Size	Two pack product 20kg/set, 5kg/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	<ol style="list-style-type: none"> 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. In case of over-coating to oleoresinous aged paint film, minimum one year interval is required. 3. Painting interval between UNIVAN NT and UNIVAN NT is maximum 20 days. 4. For aged alkyd coating, one year overcoating interval is required. All loose coatings must be 5. 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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