

# UNY MARINE HS

UNY MARINE HS, based on an acrylic polyol and non-yellowing poly-isocyanates, is a high-build type topcoats, also re-coatable.

It has excellent durability while maintaining tough paint film for a long term, excellent weather resistance (gloss retention), excellent adhesion to preceding coats, excellent physical properties such as toughness, impact and abrasion resistance, and excellent resistance to oil and chemicals.

## TECHNICAL DATA

Type	Polyurethane finish paint, high build					
Recommended Use	As finish coat of epoxy/polyurethane system for plants, bridges, outside of storage tanks, steel structures, floor coating, etc.					
Information	Mixing Ratio	: Base : Hardener = 79 : 21 [by volume] : Base : Hardener = 85 : 15 [by weight]				
	Color	: White, as specified				
	Flash Point	: Base = 22.8, Hardener = 29.5 [deg C]				
	Density	: 1.38 [g/ml]				
	Volume Solid	: 60 ± 2 [volume %]				
	Coverage (Theoretical)	: 0.083 - 0.117 [L/m <sup>2</sup> ], 0.115 - 0.161 [kg/m <sup>2</sup> ]				
	Film Thickness	: WET 83 - 117 [microns] : DRY 50 - 70 [microns]				
			5 °C	10 °C	20 °C	30 °C
	Drying Time	Set-to-touch	1.5 hrs.	1 hr.	30 mins.	20 mins.
		Hard dry	24 hrs.	12 hrs.	8 hrs.	6 hrs.
	Painting Interval	Min.	24 hrs.	12 hrs.	8 hrs.	6 hrs.
		Max.	-	-	-	-
	Pot Life		8 hrs.	6 hrs.	5 hrs.	3 hrs.
Induction time		30 mins.	30 mins.	30 mins.	30 mins.	
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 0 °C : Humidity : Max. 85 % RH				
	For Airless Spray	: Viscosity : (Ford Cup #4) 30 - 50 [sec] : Tip No. : (GRACO) 515, 615, 715 : Paint Output Pressure : 14.7 - 17.7 [Mpa] : Spray Speed : 80 - 100 [cm/sec]				
	Thinner	: URETHANE THINNER A : Thinning : 0 - 15 % by volume				
	Surface Preparation	: The surface to be painted must be clean, free from rust, dirt, oil grease or other foreign matters using power wash, detergent or solvent wipe.				
	Preceding Coats	: EPICON UNDERCOAT HB, UNIVAN NT, UNIVAN HS-QD				
	Subsequent Coats	: -				
Packaging Size	Two pack product 24kg/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	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.