

UNY MARINE HS M

UNY MARINE HS M, based on an acrylic polyol and non-yellowing poly-isocyanates, is a high-solid type topcoats. It has the following advantages;

1. Excellent durability while maintaining tough paint film for a long term
2. Excellent weather resistance (gloss retention)
3. Excellent adhesion to preceding coats
4. Excellent physical properties such as toughness, impact and abrasion resistance
5. Excellent resistance to oil and chemicals
6. Re-coatable

TECHNICAL DATA

Type	Polyurethane finish paint, high build					
Recommended Use	Glossy finish coat on outside of superstructure, deck and fittings.					
Information	Mixing Ratio	: Base : Hardener = 88 : 12 [by volume] : Base : Hardener = 90 : 10 [by weight]				
	Color	: White, As specified				
	Flash Point	: Base = 15.9, Hardener = 45.9 [°C]				
	Density	: 1.38 [g/ml] (ISO:2811)				
	Volume Solid	: 66 (+/-2) [volume %] (ISO:3233)				
	VOC	: 314 [g/L] (Method 24)				
	Coverage (Theoretical)	: 0.076 - 0.114 [L/m ²], 0.105 - 0.157 [kg/m ²]				
	Film Thickness	: WET 76 - 114 [microns], DRY 50 - 75 [microns],				
	(DFT 70 microns)	5 °C	10 °C	20 °C	30 °C	
	Drying Time	Set-to-touch	1 hr.	40 mins.	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		24 hrs.	20 hrs.	16 hrs.	8 hrs.
Induction time		30 mins.	30 mins.	30 mins.	30 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) 30 - 50 [sec] Tip No. : (GRACO) 515, 615, 715 Paint Output Pressure : 14.7 - 23.5 [Mpa] Spray Speed : 80 - 100 [cm/sec]				
	Thinner	: URETHANE THINNER A Thinning : 0 - 15 % by volume (for airless spray)				
	Recommendable Surface Preparation	: The surface to be painted must be clean , free from rust, dirt, oil grease or other foreign matter using power wash, detergent, or solvent wipe.				
	Preceding Coats	: EPICON series, UNIVAN series, UMEGUARD series, BANNOH series				
	Subsequent Coats	: -				
Packaging Size	Two pack product 25 Kg/set, 5 kg/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. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only at ventilated areas. Handle with care.					
Notes	1. * Kindly consult with CMP sales office. 2. The performance of hardener decrease reacting with moisture, please handle with care. 3. Store in dry, cool, shaded and well ventilated area.					

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Secure the lid making sure the paint container is tightly sealed.

Keep away from water, heat and source of ignition.

Care must be taken not to allow water to puddle on the paint container (even with lid on).

4. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.
 5. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Hardener with Base and mix thoroughly with power agitator. Then add appropriate thinner and mix thoroughly.
 6. Density, VS and VOC are measured from product samples without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.
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This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets. This data sheet contains the best and latest of our knowledge on the date of issue on our laboratory test in Japan and practical application experience, and subject to change without notice. Since the paints are used under unexpected circumstances in some cases, guarantee can not be given except on the quality of those paints themselves.