

SILBON HB CUI

SILBON HB CUI, is a silicone heat resisting primer / finish on silicone resin .

It has the following advantages;

1. Excellent heat resistance (up to 540°C)
2. Excellent weather resistance
3. Excellent compatibility with inorganic zinc primer
4. Excellent anti-corrosive performance with high-build coating film, suitable for preventing Corrosion Under Insulation (CUI).
5. Qualifies as an Inert Polymeric Matrix Coating.

TECHNICAL DATA

Type	Silicone resin heat resisting paint				
Recommended Use	As heat-resistance / anti-corrosive coat for steel / SUS structures.				
Information	Mixing Ratio	: Base : Curing Accelerator = 100 : 2.1 [by volume]			
		: Base : Curing Accelerator = 100 : 1.5 [by weight]			
	Color	: Dull Silver			
	Flash Point	: Base = 28.6, Curing Accelerator = 38.3 [°C]			
	Density	: 1.29 [g/ml] (ISO:2811)			
	Volume Solid	: 62 (+/-2) [volume %] (ISO:3233)			
	VOC	: 410 [g/L] (Method 24)			
	Coverage (Theoretical)	: 0.121 - 0.242 [L/m ²], 0.156 - 0.312 [kg/m ²]			
	Film Thickness	: WET 121 - 242 [microns], DRY 75 - 150 [microns],			
			10 °C	20 °C	30 °C
	Drying Time	Set-to-touch	6 hrs.	2 hrs.	2 hrs.
		Hard dry	24 hrs.	16 hrs.	12 hrs.
	Painting	Min.	24 hrs.	16 hrs.	12 hrs.
Max.		7 days	7 days	7 days	
Pot Life		2.5 hrs.	2 hrs.	1.5 hrs.	
Condition of Application	Method of Application	: Airless spray, Brush, Roller			
	Weather	: Temperature : 10 - 35 °C Humidity : Max. 85 % RH Dew Point +Minimum 3 degC			
	For Airless Spray	: Viscosity : 1.5 - 2.0Pa·s Tip No. : (GRACO)415 Paint Output Pressure: 9 - 15[MPa] Spray Speed : 70 - 100 [cm/sec]			
	Thinner	: SILICON THINNER A Thinning : 0 - 10 % by volume			
	Recommendable Surface Preparation	: Surface preparation: In case of direct application to the steel surface, ISO Sa2 1/2. The surface to be painted must be clean, free from rust, oil grease or other foreign matter using power wash, detergent or solvent wipe.			
	Preceding Coats	: GALBON S-HB PZ, or direct to steel			
	Subsequent Coats	: -			
	Packaging Size	Two pack product Base : 4.93 Kg , Curing Accelerator : 0.07 kg , 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.				

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Notes

1. * Mixing ratio of Base/Curing Accelerator : 100/1.5 [by weight]
2. In case of using airless spray equipment, the filter should be removed prior to use.
3. Paint film will reach full cure after 2 hours at 200°C. It should be heated gradually, e.g. by conducting steam into the steam pipe; do not heat abruptly until full cure.
4. Maximum total 150um DFT of this product is recommended on stainless steel substrates.
5. 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.
6. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.
7. Agitate Base with a power agitator until it is turned homogeneous, and then combine entire contents of Curing Accelerator with Base and mix thoroughly by with power agitator. Then add appropriate thinner and mix thoroughly.
8. Excessive thinning results in reduced sag resistance and paint film property.
9. Density, Volume solid and VOC are calculated from the formula without thinning. Values may vary depending on color, manufacturing process, local regulations, etc.

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.