

UNIGUARD CSG GREY 77

UNIGUARD CSG series are single pack epoxy resin based zinc rich rust prevention primer for steel surfaces. High contents of zinc powder in dry film performs rust prevention by cathodic corrosion protection, like a Cold Sprayed Galvanizing with excellent coating application workability.

TECHNICAL DATA

Type	Epoxy ester resin based zinc rich paint					
Recommended Use	Rust prevention touch up repair coat to damaged area for galvanized or zinc rich paints coated steel surfaces.					
Information	Color	: Grey				
	Pigment Type	: Zinc dust powder				
	Flash Point	: 23.0 [deg. C]				
	V.O.C as supplied	: 422 g/Liter				
	Density	: 2.35 ± 0.05 [g/mL]				
	Solid By Volume	: 50.0 ± 2 [volume %]				
	Solid By Weight	: 81.0 ± 2%				
	Zinc content in dry film	: 77 % (Theoretical by weight)				
	Coverage (Theoretical)	: 0.08 - 0.150 [L/m ²], 0.188 - 0.353 [Kg/m ²]				
	Film Thickness	: WET 80 - 150 [microns], DRY 40 - 75 [microns],				
	Drying Time	Set-to-touch	5 °C	10 °C	20 °C	30 °C
			1 hr.	50 mins.	40 mins.	30 mins.
		Hard dry	7 hrs.	5 hrs.	3 hrs.	1 hrs.
			Painting Interval	Min. : 24 hrs.	20 hrs.	16 hrs.
		Max. :	-	-	-	-
Condition of Application	Method of Application	: Airless spray, Brush, Roller				
	Weather	: Temperature : Min. 10 °C				
		: Humidity : Max. 85 % RH				
		: Dew Point +Minimum 3 degC				
	For Airless Spray	: Viscosity : (FC#4) 14 - 18[sec]				
		: Tip No. : (GRACO) 721 , 723				
		: Paint Output Pressure : 11 - 17 [Mpa]				
		: Spray Speed : 80 - 120 [cm/sec]				
Thinner	: EPOXY THINNER A					
	: Thinning : 10 - 20 % by weight					
Recommendable Surface Preparation	: Best rust prevention is performed on SSPC-SP 10.					
	: SSPC-SP 11, -SP 3 are acceptable for touch up coats.					
	: Rust prevention performance is strongly depends on surface cleaning grade. Anchor profile 30 - 65 µm are recommended for the highest performance.					
Preceding Coats	: -					
Subsequent Coats	: Wide range of any coating such as , Epoxy , Alkyd, etc.					
Packaging Size	One pack product					
	1.0 Liter (2.35 Kg), 4.5 Liter, (10.57 Kg), For 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. Agitate paint with a power agitator until it is turned homogeneous, and then add appropriate thinner and mix thoroughly.					
	2. Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.					

UNIGUARD CSG GREY 77 (Feb. 2020)

- 3. Excessive thinning result in reduced sag resistance and paint film property
 - 4. Density and Volume Solid are measurement data of product samples without thinning. Values may vary depending on color, manufacturing process, local regulation etc.
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This product should be used only by professional applicators. Consult the current Chugoku Marine Paints Safety Data Sheets. The information given in this sheet is effective at the date shown above and subject to revision from time to time 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.