

# UNIGUARD CSG SILVER 92

**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.

**UNIGUARD CSG SILVER 92** is designed initial colour tone to similar to initial galvanized surfaces.

## TECHNICAL DATA

Type	Epoxyester 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	: Dull silver			
	Pigment Type	: Zinc dust powder, aluminium			
	Flash Point	: 23.0 [deg. C]			
	V.O.C as supplied	: 419 g/Liter			
	Density	: 3.02 ± 0.05 [g/mL]			
	Solid By Volume	: 46.0 ± 2 [volume %]			
	Solid By Weight	: 85.0 ± 2%			
	Zinc content in dry film	: 92 % (Theoretical by weight)			
	Coverage (Theoretical)	: 0.109 - 0.174 [Liter/m <sup>2</sup> ]	0.328 - 0.525 [Kg/m <sup>2</sup> ]		
		: 9.2 - 5.7 [m <sup>2</sup> /Liter]	3.0 - 1.9 [m <sup>2</sup> /Kg]		
	Film Thickness	: DRY 50 - 80 [microns]		WET 109 - 174 [microns]	
			10 °C	20 °C	30 °C
	Drying Time	Set-to-touch :	4 hrs.	2 hrs.	50 mins.
		Hard dry :	6 hrs.	4 hrs.	2 hrs.
Painting Interval	Min. :	16 hrs.	12 hrs.	8 hrs.	
	Max. :	(*)	(*)	(*)	
Condition of Application	Method of Application	: Airless spray, Brush, Roller			
	Weather	: Temperature : Min. 10 °C Humidity : Max. 85 % RH			
	For Airless Spray	: Viscosity : 50 - 70 Sec (ford cup No.4) Tip No. : (GRACO) 721 , 723 Paint Output Pressure : 11 - 17 [Mpa] Spray Speed : 80 - 120 [cm/sec]			
	Thinner	: EPOXY THINNER A Thinning : 0 - 15 % by volume			
	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	: Zinc silicate, Epoxy (required surface preparation, in case over interval)			
	Subsequent Coats	: Wide range of any coating such as , Epoxy , Polyurethane , Alkyd, etc.			
Packaging Size	One pack product 1.0 Liter (3.02 Kg), 4.5 Liter,(13.59 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. Apply only at ventilated areas. Handle with care.				
Notes	<ol style="list-style-type: none"> <li>* Kindly consult with CMP sales office.</li> <li>Ventilation shall be maintained from coating application until the completion of curing in order to remove residue of solvents and promote curing.</li> <li>Agitate paint with a power agitator until it is turned homogeneous, and then add appropriate thinner and mix thoroughly.</li> <li>Excessive thinning result in reduced sag resistance and paint film property</li> <li>Density and Volume Solid are measurement data of product samples without thinning. Values may vary depending on color, manufacturing process, local regulation etc.</li> <li>Colour tone may vary according to applied condition, and white rust may occur on surface.</li> </ol>				

This product should be used only by professional applicators.

This data sheet contains the best and latest of our knowledge on the date of issue on our laboratory, and practical application experience.

Subject to data and descriptions may 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.