

**PRODUCT DESCRIPTION :**

Superguard-IZ is fast drying properties permit quick handling and fast topcoating , meets or exceeds requirements of Steel Structures Painting Council Specification PS 12.00 for inorganic zinc coating

**RECOMMENDED USE :**

Superguard-IZ is designed for use as a fast - drying shop primer for ship - fabricated steel , also suitable for general purpose industrial maintenance priming in corrosive atmospheric exposures where inorganic zinc primers are normally recommended and topcoated with corrosion resistant topcoats. Superguard-IZ may be topcoated with epoxies, vinyls, acrylics, chlorinated rubbers or other topcoats when used in industrial or marine maintenance system.

**PHYSICAL DATA :**

Colour	Grey		
Volume Solid (%)	60 ± 2	( ASTM D2697 Modified )	
Specific gravity	1.15-1.20	<b>Drying time @ 25 deg C</b>	
Surface	Steel	Dry to touch	30 mins at
Flash point	Base : 15 deg C	Dry to recoat	4-5 hours
	Hardener : 25 deg C	Cured to hard	2-7 days
Film thickness per coat	100 - 150 microns [ D.F.T ]	-Recommended film thickness	
Theoretical coverage	6.0-4.0 sq. m /Ltr.	-Good ventilation	
		-Dependent on temperature and humidity	

**QUALIFICATION :** **ASTM D 4541 - 02 , ASTM G 154**

**APPLICATION DATA :**

Application method	Brush , Roller and Airless spray
Temperature	Minimum 5 - 38 °C
Humidity	Maximum 50 - 95 % R.H.
Mixing ratio	Base : Powder = 2.9 : 0.8 by volume
thinning	5-10 % by volume
Potlife	5 hours @ 25 deg C ( Reduced at higher temperatures )
Thinner/Cleaner	Thinner 4K No.650

**SURFACE PREPARATION :**

Steel surface - abrasive blast clean surface to comply with Swedish Standard Sa. 2.5 " Near White " before applying over primer and when cured completely , remove any oil and grease residue by cleaner

Concrete surface - the surface must be allowed cured for 28 day and remove contaminate , oil and grease must be clean

**RECOMMENDED SYSTEM :**

Primer Coat		Top Coat	
Superguard-IZ	100 microns	Superguard pu 777	50 microns

**STORAGE AND HANDLING :**

Storage	The product must be store in well ventilated place protected from high temperature. Container must be kept tightly closed .
Handing	Handle with care . Stir well be for use .
Packing	3.785 Litrs

**HEALTH AND SAFETY :**

Avoid contact with skin and eyes wear . Wear suitable protective clothing such as overalls during painting.

Avoid skin contact . Spillage on skin should immediately be remove with soap and water.

Eyes should be flushed with water and medical attention sought immediately.