

<b>GP PRIMEGUARD 235 UFD</b>	
<b>RAPID RECOAT SURFACE TOLERANT EPOXY COATING</b>	
<b>DESCRIPTION</b>	A two component, high solids, low VOC Epoxy coating containing anti corrosive pigment for high performance. The product can be applied on minimum prepared surface and is designed to completely wet the substrate. Excellent adhesion is obtained on a variety of intact surfaces including over old coating and tightly adherent rust.
<b>RECOMMENDED USE</b>	As a primer for steel structure for use in wide range of environmental conditions including offshore, chemical and petrochemical plants, industrial building, pulp and paper mills, power plants and bridges. It is suitable for over coating within 5 – 6 hr's in most of climatic conditions. Hence higher productivity and throughput can be achieved.
<b>PHYSICAL DATA</b>	
<b>COLOUR</b>	Selected Industrial shades
<b>FINISH</b>	Semi glossy to Matt
<b>SOLIDS BY VOLUME</b>	80 ± 2%
<b>Theoretical Spreading Rate</b>	10 sq.mt / lt at a DFT of 80 μ
<b>FLASH POINT</b>	<b>Base:</b> Above 25 <sup>o</sup> C <b>Hardener:</b> Above 25 <sup>o</sup> C
<b>DRYING CHARACTERISTICS (At 30<sup>o</sup> C &amp; 65% Relative Humidity)</b>	
<b>SURFACE DRY</b>	2 hrs
<b>DRY TO HANDLE</b>	3 - 4 hr's
<b>HARD DRY</b>	Overnight
<b>FULL CURE</b>	7 Days
<b>SHELF LIFE</b>	BASE: 6 months      HARDENER: 6 months
<b>SURFACE PREPARATION</b>	
Abrasive blasting to Sa 2 <sup>1/2</sup> Swedish Standards is the best method of surface preparation. In case blasting is not possible, then the surface of steel should be cleaned to St2/St3 std. The surface should be absolutely dry, moisture and oil free before primer application	
<b>APPLICATION DATA</b>	
<b>MIXING RATIO</b>	Base: Hardener - As per our recommendations
<b>APPLICATION</b>	By Brush / By Convectional Spray
<b>THINNER</b>	002
<b>POT LIFE</b>	2 – 3 hours at 30 <sup>o</sup> C
<b>RECOMMENDED DFT</b>	80 - 100 mic
<b>OVERCOATING INTERVAL</b>	MIN : 3 hours MAX : 24 hours
<b>COMPATIBILITY</b>	Can be over coated with Epoxy, PU, Chlorinated rubber and Oleo-resinous topcoats.

<b>APPLICATION METHOD</b>	
<p>Stir the Base part thoroughly. Mix the base and hardener as per our recommended ratio, by volume. Stir the mix gently to attain homogeneity. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction. Add Thinner Type 002 into the mix, if required, depending on application method, and stir gently for few minutes. Strain the paint through Nylon filter cloth of 100 mesh size and apply uniformly over the surface. All equipments used for above should be properly cleaned.</p> <p><b>Application:</b> By Brush / By Air Spray / By Airless Spray</p> <p>Generally no thinner is required for Brush application, however under adverse environmental conditions about 5% of thinner, by volume, can be added. Apply uniformly in criss-cross manner and ensure there are no misses. Use quality brushes for paint application.</p>	
<p><b>For Conventional Spray application</b>            Thinner: 002            Addition: 10-15%            Nozzle Orifice: 1.2 -1.4 mm            Nozzle Pressure: 40-70 p.s.i.</p>	<p><b>For Airless Spray application:</b>            Thinner: 002            Addition: Max 5%, if required.            Nozzle Orifice: 0.48-0.53 mm            Nozzle Pressure: : 2700-3200.P.s.i</p>
<b>ADDITIONAL INFORMATION</b>	
<p>Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following section of Grand Polecats Data manual:</p> <ul style="list-style-type: none"> <li>⇒ Guide to Product Data Sheet</li> <li>⇒ Surface Preparation Details</li> <li>⇒ Paint Application Details</li> <li>⇒ MSDS</li> </ul>	
<b>HEALTH &amp; SAFETY</b>	
<p>This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.</p>	
<b>LIMITATION OF LIABILITY</b>	
<p>To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We Make No Other Warranty Or Guarantee Of Any Kind, Express Or Implied, Including Merchantability And Fitness For Particular Purpose. Liability, If Any, Is Limited To Replacement Of The Product Or Refund Of The Purchased Price. Labour Or Cost Of Labour And Other Consequential Damages Are Hereby Excluded</p>	
<p>R: 1: 10: 19 This supersedes all earlier versions of this product data sheet</p>	

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