

<b>GP BOND UNICOAT</b>	
<b>ACRYLIC ALIPHATIC POLYURETHANE FINISH PAINT</b>	
<b>DESCRIPTION</b>	Two-component Air Drying Acrylic Aliphatic based unicoat primer cum finish coat coupled with Non Yellowing property.
<b>RECOMMENDED USE</b>	This product has characteristic of being used as primer cum finish coat offering excellent corrosion, condensation resistance along with non-yellowing properties. It is recommended for use in OEM applications like Pumps, machinery parts it can also be used in maintenance work and for new construction.
<b>PHYSICAL DATA</b>	
<b>COLOUR</b>	Assorted shades
<b>FINISH</b>	Semi-glossy
<b>SOLIDS BY VOLUME</b>	45 ± 3 %
<b>Theoretical Spreading Rate</b>	11.25 sq.mt / ltr @ recommended DFT of 40 μ
<b>FLASH POINT</b>	Base: Above 23 <sup>o</sup> C      Hardener: Above 23 <sup>o</sup> C
<b>DRYING CHARACTERISTICS (At 30<sup>o</sup> C &amp; 65% Relative Humidity)</b>	
<b>SURFACE DRY</b>	30 minutes
<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>	
This being a self-priming coat, which can be applied directly over the MS surface free from Dust, Oil grease, moisture or any contaminant. The surface preparation can be emery scuffing followed by solvent wipe or Blast cleaning as per Sa 2 <sup>1/2</sup> or Chemically treated MS i.e. Zinc Phosphating or Tricationic or Iron phosphating is also recommended surface preparation method.	
<b>APPLICATION DATA</b>	
<b>MIXING RATIO</b>	Base: Hardener - As per our recommendations
<b>APPLICATION</b>	By Brush / By Conventional Spray / By Airless Spray
<b>THINNER</b>	001
<b>POT LIFE</b>	4 hours at 30 <sup>o</sup> C
<b>RECOMMENDED DFT</b>	35 - 40 μ.
<b>OVERCOATING INTERVAL</b>	MIN : 8 hours MAX : 24 hours
<b>COMPATIBILITY</b>	Can be top coated with Self or with any kind of solvent-based paint.

<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 thoroughly to attain homogeneity. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction. Add Thinner Type 001 into the mix, if required, depending on application method, and stir thoroughly for few minutes. Strain the paint through Nylon filter cloth of 400 mesh size and apply uniformly over the surface. All equipments used for above should be properly cleaned.</p> <p>Application: By Brush / By Conventional 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 evenly in criss-cross manner and ensure the uniform application. Use quality brushes for paint application.</p>	
<p><b>For Conventional Spray application</b>            Thinner: 001            Addition: 5 - 15%            Nozzle Orifice: 1.2 -1.4 mm            Nozzle Pressure: 40-70 p.s.i.</p>	<p><b>For Airless Spray application:</b>            Thinner: 001            Addition: Max 5%, if required.            Nozzle Orifice: 0.28 – 0.37 mm            Nozzle Pressure: 1400-1800 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>	
<p><b>Instruction:</b></p> <ol style="list-style-type: none"> <li>1. Do not apply paint when temperature falls below 10<sup>0</sup> C or rises above 50<sup>0</sup> C and when Relative Humidity is above 85%. Do not apply during rain, fog, or mist.</li> <li>2. Brushes and spray equipment should be cleaned with GP's recommended thinner otherwise equipment is liable to be damaged.</li> <li>3. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats' representative for further assistance.</li> <li>4. Shelf life indicated is minimum for this Product and it is subject to re-inspection. Individual component is required to be stored in cool, dry and covered condition, away from heat and ignition.</li> </ol>	
<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: 06: 19 This supersedes all earlier versions of this product data sheet</p>	

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