

GP BOND 951 PU IMC COATING
ALIPHATIC POLYURETHANE PAINT

DESCRIPTION	Two-component Aliphatic polyurethane In mould Coating.
RECOMMENDED USE	This product is recommended as topcoat for In mould application over foam such as Steering wheel, automotive interiors, foam handles etc. It has excellent mould transfer efficiency and resistance to general cleansers. This product forms a integral part of the foam.
PHYSICAL DATA	
COLOUR	Assorted shades
FINISH	Matt
SOLIDS BY VOLUME	20 ± 2% depending upon shades
Theoretical Spreading Rate	13.33 sq.mt / ltr @ recommended DFT of 15 µ
FLASH POINT	Base: Above 23 ⁰ C Hardener: Above 23 ⁰ C
SHELF LIFE	BASE: 6 months HARDENER: 6 months
SURFACE PREPARATION	
Clean the mold with thinner 091 so as to remove any kind of dust, oil, grease & wipe with muslin Cloth (i.e. cloth without starch or linters). Apply coat of IMC coating on mold.	
APPLICATION DATA	
MIXING RATIO	Base: Hardener - As per our recommendations
APPLICATION	By Conventional Spray
THINNER	Type 091 IMC Thinner
POT LIFE	4 hours at 30 ⁰ C
RECOMMENDED DFT	15 – 18 µ.

APPLICATION METHOD
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.
For Conventional Spray application Thinner: 091 IMC Thinner Addition: 5 - 10% Nozzle Orifice: 1.2 -1.4 mm Nozzle Pressure: 40-70 p.s.i.
ADDITIONAL INFORMATION
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: ⇒ Guide to Product Data Sheet ⇒ Surface Preparation Details ⇒ Paint Application Details ⇒ MSDS
Instruction: 1. Do not apply paint when temperature falls below 10 ⁰ C or rises above 50 ⁰ C and when Relative Humidity is above 85%. Do not apply during rain, fog, or mist. 2. Brushes and spray equipment should be cleaned with GP's recommended thinner otherwise equipment is liable to be damaged. 3. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats' representative for further assistance. 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.
HEALTH & SAFETY
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.
LIMITATION OF LIABILITY
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
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