



ISOPON P.40 GLASS FIBRE PASTE

P40/2, P40/4

Version: 2.1

Date of issue: 08/03/2018 Revision date: 22/03/2020 Supersedes: 14/10/2019



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

ISOPON P40 polyester glass fibre filler is a two component chemical paste used for the bridging of holes and rust in surfaces such as steel and GRP. ISOPON P40 form a very hard durable surface and can be sanded and shaped if required. It is easily covered with standard polyester filler or can be overpainted directly. Ideal for bridging holes in panel damage.

- Excellent gap filling properties.
- Water resistant when fully cured.
- Easy to cover with standard polyester filler.

Product	Order Code	Format	Shelf Life
ISOPON P.40 GLASS FIBRE PASTE	P40/2	1L Tin	5 years
ISOPON P.40 GLASS FIBRE PASTE	P40/4	1.85L Tin	5 years

APPLICATION INFORMATION

 <p>FOR PPE RECOMMENDATIONS REFER TO SDS</p>	<p>This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.</p>																			
<p>Surface Preparation</p> 	<p>Substrate</p> <p>Bare Steel Aluminium Original Paint Fibreglass / GRP, SMC Polyester Body Filler</p>	<p>Degreaser</p> <p>SYSTEM 20 Solvent-Based Degreaser SYSTEM 20 Solvent-Based Degreaser SYSTEM 20 Solvent-Based Degreaser SYSTEM 20 Water-Based Degreaser SYSTEM 20 Solvent-Based Degreaser</p>	<p>Abrasion</p> <p>P80 P180 P180 P180 P80 - P180</p>																	
<p>Application</p> 	<p>For best results, good preparation is essential. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. Abrade with grit paper as stated above for each respective substrate. Re-clean, dry and degrease the abraded substrate ready for application.</p> <table border="1"> <thead> <tr> <th></th> <th>10°C</th> <th>20°C</th> <th>30°C</th> </tr> </thead> <tbody> <tr> <td>Mixing ratio (BPO Hardener)</td> <td>5%</td> <td>4%</td> <td>3%</td> </tr> <tr> <td>Gel Time</td> <td>6 – 7 minutes</td> <td>4 – 6 minutes</td> <td>4 minutes</td> </tr> <tr> <td>Sandable after</td> <td>20 minutes</td> <td>15 – 20 minutes</td> <td>15 minutes</td> </tr> </tbody> </table> <p>Maximum Fill Depth 4 - 7 mm Infrared Bake Resin technology unsuitable for IR baking.</p> <p>Mix thoroughly on an Onion Board Mixing Palette. Follow mix ratio carefully. Do not under or over catalyse. Apply with a pressing action to reduce air entrapment. Not recommended for applications below 5°C.</p>					10°C	20°C	30°C	Mixing ratio (BPO Hardener)	5%	4%	3%	Gel Time	6 – 7 minutes	4 – 6 minutes	4 minutes	Sandable after	20 minutes	15 – 20 minutes	15 minutes
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<p>Sanding</p> 	<p>Initial Sanding P80 - P120 Final Sanding P180 - P240</p> <p>U-POL recommends using GUIDE #7 Guide Coat Aerosol during the sanding process to identify the high and low spots.</p>																			
<p>Over-Painting</p> 	<p>Once sanded, this formulation can be overpainted with most water/solvent-based paint systems. U-POL recommends a SYSTEM 20 Primer to achieve the perfect surface for the colour of your choice.</p>																			

TECHNICAL INFORMATION

<p>Physical properties</p> 	<p>Appearance Fibrous, Paste. Colour Yellow, clear Density 1.37 (1.32 – 1.42) g/cm³</p>		
<p>VOC Information</p> 	<p>The VOC content of this product as received is 291 g/l. The VOC content of this product in ready to use form is 100 g/l.</p>		
<p>Storage</p> 	<p>Recommended storage temperature < 25 °C</p> <p>Keep cool. Protect from sunlight. Keep away from ignition sources. Store locked up. Store in a well-ventilated place. Keep only in original container.</p>		
<p>Associated Products</p> 	<p>Product</p> <p>Onion Board Mixing Palette U-POL Applicator U-POL Applicator SYSTEM 20 Water-Based Degreaser SYSTEM 20 Solvent-Based Fast Degreaser SYSTEM 20 Solvent-Based Slow Degreaser</p>	<p>Order Code</p> <p>ON/1 APL/1 APL/3 S2000/5 S2001/5 S2002/1</p>	<p>Format</p> <p>100-sheets 20-pack 3-pack 5L Canister 5L Tin 1L Tin</p>



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SYSTEM 20 Solvent-Based Slow Degreaser	S2002/5	5L Tin
WIPE #6 Solvent-Based Degreaser Aerosol	WIPE/AL	450ml Aerosol
GUIDE #7 Guide Coat Aerosol	GUIDE/AL	450ml Aerosol
MAXIMUM Professional Lint-Free Solvent Wipes	MWPP/350	100-pack
MAXIMUM Tack Cloths	TRAG/10	10-pack
MAXIMUM Tack Cloths	TRAG/50	50-pack
MAXIMUM Premium Masks	RESPV	1-pack
MAXIMUM Painters Overalls	COVER/M	1-pack
MAXIMUM Painters Overalls	COVER/L	1-pack
MAXIMUM Painters Overalls	COVER/XL	1-pack
MAXIMUM Painters Overalls	COVER/XXL	1-pack
MAXIMUM Painters Overalls	COVER/XXXL	1-pack

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