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PU5285 LOW VISCOSITY SOLVENT FREE POLYASPARTIC ALIPHATIC TOPCOAT

**DESCRIPTION**

PU5285 is a two component, low viscosity, solvent free, polyaspartic, aliphatic self-levelling topcoat. PU5285 is based on aliphatic polyurethane technology to give enhanced UV performance whilst maintaining hardness.

PU5285 should be tested on the surface requiring sealing prior to use by the customer.

**PRODUCT APPLICATION**

1. Do not use part kits, kits are pre-weighed to the correct ratio for the system. Do not break down the supplied kits into smaller mixes.
2. The surface must be free from contamination or water prior to PU5285 application, as such wiping/drying may be required.
3. The PU5285 Part A resin should be mixed using a slow speed, high torque, helical blade mixer until uniform.
4. PU5285 Part B hardener is then added and mixed thoroughly at slow speed for 2 minutes until uniform.
5. The mixture is then applied to the surface using a non-absorbent roller at a coat weight of between 300 - 600gsm.
6. After application allow the system to cure fully before trafficking of the site.

**TYPICAL SPECIFICATION**

Components	PU5285 Part A resin	PU5285 Part B hardener
Appearance:	Various	Clear Liquid
Solids %:	100%	100%
Density at 23°C:	1.065	1.130
Viscosity at 23°C:	300 ± 50 mPa.s	500 ± 70 mPa.s
Mix Ratio by Weight:	1.30	1
Mix Ratio by Volume:	1.38	1
Pot life at 19°C:	60 ± 7 minutes	
Hardness, Shore D	>65	
Tensile Strength	>18 N/mm <sup>2</sup>	
Elongation at Break	>95%	
Application Rate:	0.3-0.6 Kg/m <sup>2</sup>	

## STORAGE

Stored in original unopened containers, PU5285 Part A has a shelf life of 12 months.  
Stored in original unopened containers, PU5285 Part B has a shelf life of 6 months.  
Low or high temperatures should be avoided. Ideal storage temperatures are between 5°C - 25°C.

## HEALTH AND SAFETY

PU5285 Part B (Hardener) contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases of contact with eyes, flush out with excess water and seek medical attention. Wear goggles.

### Additional Precautions

1. Use industrial safety gloves.
2. Use suitable eye protection.
3. Before use, ensure that you read the relevant Health and Safety Data Sheets for this product.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service. This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.