

REF: 3922DS  
Issued: 30<sup>th</sup> June 2015

## PU3922 SINGLE COMPONENT MOISTURE CURING URETHANE PRIMER

### DESCRIPTION

PU3922 is a single component moisture curing urethane primer developed as a primer for concrete and timber. It can also be used as a seal coat on concrete.

### PRODUCT FEATURES

Resistance to high and low temperatures:

Fast Application:

The primer/seal coat will withstand wide temperature ranges (-55°C to + 140°C) for extended periods without loss of strength.

High solids content and low viscosity result in fast application characteristics.

### TYPICAL SPECIFICATION

Criteria	Typical Value
<b>Colour:</b>	Light Brown Liquid (Pigmented Versions Available)
<b>Solids:</b>	54 ± 3%
<b>Viscosity @ 15°C:</b>	70 ± 15mPa.s
<b>Viscosity @ 23°C:</b>	60 ± 15mPa.s.
<b>Thinner:</b>	Xylene
<b>Cure Rate:</b>	Product should be left to cure for 3 hours. Ensure there is no solvent left on the floor before over coating.
<b>Coverage:</b>	6-10m <sup>2</sup> /L dependant on substrate porosity
<b>Specific gravity:</b>	1.0 gm/cc

- Concrete must be prepared for priming by hot compressed air blasting or some other suitable means.

### APPLICATION

- When blinded with CH52 kiln dried sand, PU3922 can be used as a metal primer for pure polyurea PURA4620.
- Ensure substrate to be primed/coated is dry.
- PU3922 should then be applied by roller at a rate of 6-10 m<sup>2</sup>/L and left for a minimum of 90 minutes to cure.
- If the primer is left for more than 24 hours then a second coat should be applied and left as above before the anti-skid surface is laid.
- Part drums of PU3922 should have nitrogen gas injected into the headspace to prevent skinning. The drums should then be resealed.

This information is for general guidance only and may contain inappropriate information under particular conditions of use. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.

## STORAGE

Stored in well-sealed containers, PU3922 will have a shelf life of at least 6 months. Low or high temperatures are to be avoided. Ideal storage temperatures are +5 to +25°C. Once opened, drums should be used within 10 days.

## HEALTH AND SAFETY

PU3922 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. The solvent system contained in this adhesive is flammable and should be used in well ventilated surroundings. Smoking in the vicinity of the adhesive or contact with red hot surfaces must not be permitted.

### Additional Precautions

1. Ensure effective extraction to maintain the working environment below the OEL for Xylene and isocyanate.
2. Use industrial safety gloves.
3. Use suitable eye protection.

Before use, ensure that you have read the relevant Health and Safety Datasheet 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.