

REF: 5619DS
Issued: 25th March 2021

PU5619 Fast Set 2K Rigid Hard Coat

DESCRIPTION

PU5619 is 1:1, fast setting; spray applied two component polyurethane coating. It is 100% solids and contains no VOCs. PU5619 is typically used as a protective coating for EPS and PU foam.

PRODUCT FEATURES

	PU5619 Polyol	PU5619 NCO
Appearance:	Straw Colour	Brown Liquid
Specific Gravity (g/cc) @20°C:	1.05 g/cm ³	1.16 g/cm ³
Solids:	100%	100%
Viscosity at 23°C:	1,200 ± 400 mPa.s	1,200 ± 400 mPa.s
Mixing Ratio (vol.):	1	1
Application thickness:	Typical application thickness is 1.5 – 2.5mm*	
Coverage:	1L/sqm/mm**	
Spray :	Two Component spray at 55°C (130°F) 1750 – 2500 psi (120 – 170 bar)	
Gel Time @ 55°C:	90 – 120s	
Tensile Strength:	>17 N/mm ²	
Elongation at Break:	<30%	
Shore D Hardness:	≥70	

*Application thickness is specification dependent.

**Workpiece profile and size will affect coating efficiency and thus material usage.

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.

APPLICATION

Surface Preparation

Ensure the surface is clean, dry and free of any contamination e.g. grease and dust.

Application

The product should be sprayed through a suitable plural component spray system capable of maintaining application temperatures and pressures during spraying.

Once sprayed the surface will remain tacky for up to 2 minutes during which time contact may cause imperfections.

Handling is typically possible around 4 minutes after application.

For equipment advice or any further application guidance please contact technical.

STORAGE

- Stored in original unopened containers, PU5619 has a shelf life of 12 months.
- Sedimentation in the A component will occur during transport and storage, it is essential that a suitable drum agitator is used before and during use.
- Store between 10°C and 35°C.

HEALTH & SAFETY

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