

Product Data Sheet

Product	Polyurethane Enamel (Dual Pack)
Product Code	800 - 827
Description	A dual pack Polyurethane Acrylic Enamel Exhibiting excellent weathering properties combined with good gloss and colour retention for Interior or Exterior use. Has good resistance to splash and spillage of acids, alkalis and most solvents. Exhibits excellent resistance to splash and spillage of salts and water

Composition Acrylic / Isocyanate / Light Fast Pigments

Physical Properties

Colour	White, Black, Clear (limited colour range)
Appearance	gloss
Viscosity	65 – 80 FC4
Shelf Life	approximately 12 months
Storage Conditions	normal
Pack Size	1ℓ and 5ℓ

Application Properties

Method	spray
Volume Solids (Typical)	50%
Recommended Average DFT in microns	25 – 30 microns per coat
Theoretical Coverage (m² / ℓ)	8 - 10 @ 25 microns
Wet Film Thickness in microns	70 microns
Recommended No of Coats	one or two depending on surface
Drying Time at 25°C	30 minutes (touch dry) 8 hours (hard dry)
Overcoating Time at 25°C	2 – 4 hours
Potlife	4 hours when mixed
Thinning	Up to 15% with PU Thinners if necessary
Cleaning Solvent	PU Thinners
Recommended System	Various substrates which are well prepared and/or primed as recommended by manufacturer. Can be used externally where UV resistance is required

Precaution

Flashpoint	20°C
Toxicity	use in well ventilated areas

Application and Mixing Instructions for Polyurethane Enamel Mixing

Mixing ratio of 9:1 by volume and stir well
Allow to stand for 30 minutes induction period with intermittent stirring before adding thinners.

Surface Preparation

Surface to be coated must be free of all contaminants and suitably prepared as specifically directed.

Recommended System

Galvanized Iron or Aluminium

Thoroughly clean with Libra Galvanised Iron Cleaner and rinse surface with clean running water, allow to dry then apply single or dual pack Etch Primer before applying one or two coats of PU A Enamel.

Steel

Thoroughly clean steel by shot blasting or sanding then apply single pack Etch Primer or Epoxy Zinc Chromate Primer. Allow to dry for recommended period before applying one or two coats of PU A Enamel

Glass reinforced Polyester

Sand surface to a matt finish and ensure all dust and other contaminants are removed. Apply one or two coats of PU A Enamel direct on to the surface. No primer is required.

Wooden Surfaces

Apply two or three coats of Primer Surfacer (depending on surface). Finish off with one or two coats PU Enamel.

General

- Do not apply with ambient temperature is below 10°C or above 35°C
- Do not apply when relative humidity exceeds 75%
- Use only PU A Thinners for thinning and cleaning
- Allow final coat to cure for at least 3 days before putting into good use. A final cure of 7 days is strongly recommended after finishing coat has been applied
- Product contains flammable solvent. Avoid smoking or naked flames
- Ensure adequate ventilation during application and drying
- Use gloves and / or barrier cream to avoid skin irritation

Note

THIS PRODUCT IS LEAD FREE

No guarantee is implied by the recommendations contained herein since the data sheet is issued for information purposes only. Method of application on surface, cleanliness and conditions of use etc. are beyond our control.