

TECHNICAL DATA SHEET

D508

POLYURETHANE TOPCOAT

V2-22/03/2024

DESCRIPTION

A twin-pack polyester-based polyurethane topcoat with excellent gloss retention, colour retention, chemical resistance & mar resistance. It is designed as a durable topcoat for exterior use. Available in a range of attractive colours.

PROPERTIES

- Good Flexibility
- High bond strength
- Good impact and mar resistance
- Quick drying
- High gloss / Satin / Matt
- Very good water resistance
- Very good chemical resistance
- Excellent UV resistance

RECOMMENDED AREAS FOR USE

- Exterior topcoat for epoxy coating systems
- Marine coating
- Roof coating
- Floor coating

COLOUR	: Clear – Gloss, Satin & Matt : See colour chart
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 4 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 51%
MIXED DENSITY	: 1.16
FLASH POINT	: 26°C
PRACTICAL SPREAD RATES	: 8 - 10m ² /ℓ
WET FILM THICKNESS	: 100 - 125µm
DRY FILM THICKNESS	: 50 - 65µm
POT LIFE @ 25°C	: 4 hrs
TOUCH DRY @ 25°C	: 1 hr
OVERCOATING TIME @ 25°C	: 4 – 24 hrs
FULL CURE	: 5 days
RECOMMENDED NO. OF COATS	: 1 or 2
CLEANING SOLVENT	: Polyurethane Thinners
SHELF LIFE	: 12 months
PACK SIZE	: 1, 5 & 20 litres

CHEMICAL RESISTANCE

Resistant to most dilute acids and alkalis, petroleum products and salt water.

SURFACE PREPARATION

The substrate must be clean and dry. Surface contamination is to be removed by detergents and freshwater cleaning. Old paint surfaces to be well abraded with 80 grit sandpaper.

PRIMING

- GRIT BLASTED STEEL: D501 Zinc Phosphate Epoxy Primer.
- PREVIOUSLY PAINTED STEEL: D504 Surface Tolerant Epoxy Mastic.
- GALVANISED STEEL: D504 Surface Tolerant Epoxy Mastic
- CONCRETE: D101 Epoxy Penetrating Primer

APPLICATION

Mix the base and activator in the proportions given. Mechanical slow mixing is preferable.

Apply by brush, roller or spray.

Over coating may proceed as soon as the previous coat is touch dry.

HEALTH AND SAFETY

This product contains solvents and is highly flammable.

Avoid Skin contact. Do not inhale vapours.

Skin Contact: Wash well with soap and water.

Eye Contact: Flush with water and seek immediate medical attention.

Read the 16-point Material Safety Data Sheet before using this product.

HOW TO SPECIFY

Apply 1 or 2 coats of D508 Polyurethane Topcoat over suitably primed and coated surfaces according to the manufacturer's instructions.

The technical data furnished is obtained from controlled laboratory tests under ideal application conditions. No guarantee of any performance characteristic is therefore given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven fault our liability will be limited to the replacement of the product only. It is the user's responsibility to confirm the currency of product data sheets.