

TECHNICAL DATA SHEET

P112

V2-09/03/2024

ACRITHANE

DESCRIPTION

Acritthane, based on a twin pack acrylic-based polyurethane resin, has been specially designed as a durable topcoat for exterior use. It has excellent gloss retention, colour retention, durability and chemical resistance.

PROPERTIES

- High gloss / Satin / Matt
- Quick drying
- Very good water resistance
- Very good chemical resistance
- Good flexibility
- Excellent UV resistance

RECOMMENDED AREAS FOR USE

A durable final coat for floors, patios, fascias, steel cladding and roofs, structural steel, marine and industrial. Also bonds well to glass.

COLOUR	: Clear – Gloss, Satin & Matt : See colour chart
Nº. OF COMPONENTS	: 2
MIXING RATIO (VOL)	: 9 : 1
CONSISTENCY	: Liquid
VOLUME SOLIDS	: 51%
MIXED DENSITY	: 1.19
FLASH POINT	: 26°C
PRACTICAL SPREAD RATE	: 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	: Pendong 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

Concrete & Cement Screeds:

All surfaces must be clean, structurally sound and free of dirt, dust and oil. Concrete surfaces should be abrasive blasted, diamondgrind or acid etched to remove laitance. Moisture content should be below 10%.

PRIMING

- Dense Concrete: Prime with P101 Epoxy Penetrating Primer @ 8m²/litre
- Porous Screeds: Prime with P118 Solvent Free Epoxy Primer @ 4m²/litre
- Stucco: Prime with P121 Colour Retaining Primer @ 8m²/litre
- Grit Blasted Steel: Prime with P501 Epoxy Zinc Phosphate Primer
- Hand Cleaned or Previously Painted Steel: Prime with P504 Surfaced Tolerant Epoxy

APPLICATION

Thoroughly mix the base and activator in the proportions given. Slow mechanical mixing is preferred.

Apply by brush, roller or spray.

Over-coating may proceed as soon as the applied product is touch dry.

HEALTH AND SAFETY

Please read instructions on container

Avoid skin contact, do not inhale vapours

Skin: wash well with soap and water

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.



Eyes: Flush with water & immediately seek medical attention
Read 16 point Safety Data Sheet

HOW TO SPECIFY

When using tinted Acrithane:

All surfaces to be suitably prepared and primed, using 1 – 2 coats of P101 Epoxy Penetrating Primer @ 8m²/litre/coat

When using clear Acrithane:

All surfaces to be suitably prepared and primed, using 1 – 2 coats of P121 Colour Retaining Primer @ 8m²/litre/coat.

All surfaces to be suitably prepared and primed, followed by 2 coats of P112 Acrithane @ 10m²/litre per coat in accordance with 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.

