FORCRETE.
EVERY SURFACE MATTERS

FORSHIELD-PA (CLEAR)

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PRODUCT DESCRIPTION

Two component, gloss finish polyaspartic sealant. Good chemical resistance, water resistance and UV resistance.

MATERIAL FEATURES

- Gloss finish
- Slip-resistant
- UV stable
- Hard wearing
- Internal / External

KEY INFORMATION

TECHNICAL DATA

Product type: Sealer

User time: (+20°c) 20 minutes

Appearance: Liquid – clear

Chemical Nature: Polyaspartic

Mix Ratio: A : B
60 : 40

Shelf Life: 12 months

Resistance to Abrasion =AR <0.5

Bond Strength (28 days)
= > 3.0 N/mm2

Consumption –
Trowel Applied Gel Coat: 200g/m2

Roller applied: 250g/m2

FORSHIELD-PA APPLICATION INSTRUCTIONS

1. SURFACE PREPARATION

The substrate must be firm, dimensionally stable, capable of bearing loads and free of loose constituents, dust, oil, grease, rubber marks and other substances that could interfere with adhesion.

2. MIXING INSTRUCTIONS

Add the entire quantity of the hardener (component B) to the base component (component A).

Mix thoroughly with a slow-speed electric mixer (approx. 300 - 400 rpm).

Pour the mixture into a separate container and mix again thoroughly. Mix for at least 3 minutes.

Trowel applied gel coat: Follow the above instruction, then add 4% by weight of thickening powder. Thoroughly mix.

Insufficient mixing is indicated by streaks forming.

3. APPLICATION

Roller applied:
Pour the material generously onto the surface. Use a suitable 25 cm epoxy roller to apply uniformly and generously, working crosswise, then roll using a 50 cm epoxy roller saturated with material. Replace the rollers with new ones every 20 minutes.

Consumption rate: 250g /m2

Trowel applied gel coat(only for Clear):
Apply a generous amount onto the surface and trowel tightly to fill pores.

Consumption rate: 200g /m2

Apply a second coat at the same consumption rate, after a minimum of 2 hours and before a maximum of 6 hours.

Always work wet-on-wet. Make sure that no pools form. The ambient temperature of the works area and substrate should be a minimum of 5°C during the application and curing period, if not adhered to this can affect the colour, appearance and performance of the system.

4. SPECIAL PRECAUTIONS

- For professional use only
- This is polyaspartic based and can cause skin irritation.
- Do not apply below +5 °c or above +25 °c
- Keep out of reach of children
- Dispose of waste in accordance with current legislation

5. CLEANING OF TOOLS

Clean tools, equipment, and any splashed material immediately with water while still fresh. Take suitable protective and waste disposal measures when cleaning.