



QUICSEAL 529

Expo Coat

Description

QUICSEAL 529 is a three-component, high performance water-based aliphatic polyurethane coating designed for use as a durable topcoat to receive foot traffic.

Typical Uses

QUICSEAL 529 is suitable for use as a hardwearing, foot trafficable, chemical and abrasion resistant floor coating for concrete floors.

It can be applied over concrete and masonry surface, including self-leveling toppings to provide protection against abrasion and mild chemicals. For use on interior concrete floor.

Advantages

- Water-based, environmentally friendly
- Fast-drying for early usage
- Durable and Hardwearing-able to withstand human traffic
- Chemical resistant - resistance against mild acids and alkalis
- Excellent water resistance
- Improved stain resistance
- Low odor

Mixing Instructions

Stir each component separately using a electric drill fitted with a paint mixer or a wing type mixing paddle. Pour the entire contents of Part B into Part A and mix evenly. Pour part C into the blend and mix for approximately 3 minutes until a homogenous tone is achieved.

Imp note: Do not use mixed materials beyond the recommended pot-life of 3 hours. As Part B is sensitive to the weather, only open the Hardener (Part B) portion when required for mixing and close tightly after use.

Application

The substrate must be clean and dry, free from loose particles and laitance that may affect adhesion of the applied coating.

Existing painted surfaces should be thoroughly washed with high pressure water-jet and allowed to dry before any painting over with the first coat of QUICSEAL 529.

Apply the second coat approximately 30 minutes after first coat.

Packing

24 kg / set (Part A liquid 20.8kg, Part B liquid 2.2 kg, Part C powder 1 kg)

Technical Data

Finish	Sheen
Colour	Refer to Color Chart – LG, MG, BG
Theoretical Coverage	Approximately 8m ² / kg or approximately 15 - 18m ² /kg when used with QUICSEAL 579
Dry Film Thickness (DFT)	50 microns
Viscosity at 28°C (B4 Cup)	60 secs
NVM Percentage	Approximately 40%
Dispersion	40 microns
Specific Gravity	1.04 – 1.20
Wet Abrasion	5000 cycles and above
Dry Time @ 28°C	Tack Free < ½ hours Hard Dry ≤ 4 hours
Pot Life	< 3 hours
Ready for light foot traffic	> 1 hour
Odour	Pleasant
Shelf life	6 months (stored indoor at 30°C)
Flash Point	Part A: Not applicable, Part B: 45°C, Part C: Not applicable
All suggestion, technical data for use contained herein are correct to the best of our knowledge. Technical advice or service on suitability of product for specific application and end use requirement is available upon request	

Storage

The shelf life of QUICSEAL 529 is 6 months when stored unopened in a cool and dry place.

Health & Safety

Gloves and goggles should be worn. Any splashes to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Powder products should be handled to minimize dust formation. Use a light mask if excessive dusting is unavoidable.

Important Notes

The information set forth herein is furnished in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for use by persons having technical skill and at their own discretion and risk. Information contained in this product sheet conforms to the standard detail recommendations and specifications for the installation of QUICSEAL products as of the date of publication of this document. QUICSEAL makes no other warranties and assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact QUICSEAL.

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