

QUICSEAL 640

Stone-Binder

Description

QUICSEAL 640 STONE-BINDER is a two component, specially formulated solvent-based adhesive for binding pebbles and aggregates and cures to form a clear, hard and humidity resistant film. Owing to the intrinsic property of the resin, QUICSEAL 640 STONE-BINDER possessed excellent binding strength between pebbles and substrate.

Typical Uses

- Can be applied on surfaces such as metal, concrete, screeds, glass wood, etc.
- Binding aggregates for aesthetic finishes.
- Internal areas – living rooms, bathrooms, balconies, corridors, etc.

Advantages

- Excellent adhesion properties between bound pebbles and substrate
- High abrasion resistance to foot trafficking
- Excellent water resistance properties when cured



Technical Data

Colour	Clear
Solids content	100%
Density	1.05g/cm ³
Slant Shear Bond Strength (N/mm ²)	
-2 days	7.1
-14 days	8.0
Pot life	<40 minutes
Flash point	>65°C
Mix ratio (A:B) – by weight	1.5 : 1

Surface Preparation

Surfaces to be coated are free from contamination such as oil, grease and loose particles, decayed matter, moss algal growth. This is best achieved by water-jetting, scabbling, sandblasting or other approved mechanical means. Where moss, algae or similar growths have occurred, treatment with suitable chemicals should be carried after the initial cleaning process followed by further washing. Damp surfaces must be either allowed to dry out naturally or dried by other approved means. Stones to be binded must be washed and dried prior to mixing with QUICSEAL 640.

Application

Pour QUICSEAL 640 (Part A) & (Part B) into a container. (Refer to technical data for mixing ratio for part mix). Mix QUICSEAL 640 with a clean batten for about 3 – 5 minutes until a homogenous mix is obtained. Allow the mixed resin to stand for 3 – 5 minutes until the mixture is warm to the touch. Pour the clean and dried pebbles into the mixed QUICSEAL 640. Using a trowel, mix QUICSEAL 640 with the pebbles until they are evenly coated. Using a trowel, spread the QUICSEAL 640 coated pebbles onto the prepared substrate. Allow the binded pebbles to cure for 6-12 hours before allowing light foot traffic.

Cleaning

Due to high adhesion strength of this product even on metals, it is advisable to wash tools with solvent (xylene) before the product sets. After setting, cleaning can only be achieved by mechanical means.

Packaging

QUICSEAL 640 is available in 5 kg sets.

Coverage

Approximately 0.8 kg of QUICSEAL 640 is required to bind approximately 10mm pebbles / stones to cover an area of approximately 1m².

An additional coat of QUICSEAL 640 @ an approximate coverage of 0.4kg/m² over the binded pebbles is highly recommended.

Storage

One year when stored in closed containers in cool & dry environment.

Important Notes

The information set forth herein is furnished free of charge in good faith and is based on technical data that QUICSEAL considers to be reliable. This information is intended for used 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, please contact QUICSEAL

Reference No. QS 640/230520

ARDEX-QUICSEAL SINGAPORE PTE. LTD.
www.ardex-quicseal.com