



QUICSEAL 579

Product Name

Level Crete

Two part self-leveling system

Description

QUICSEAL 579 is a two component rapid setting, polymer-modified, self-levelling compound consisting of a blend of powders, well-graded aggregates and special additives to achieve good flow property.

When mixed, QUICSEAL 579 becomes a flowable compound and is easily applied over concrete slab, screeds or tiled floor as an overlay.

Advantages

- Environmentally friendly product
- Early strength gain
- Good adhesion to concrete
- Low Shrinkage & Chloride free
- High flow, self-smoothing
- Easy and quick to lay
- UV & Slip resistant

Typical Uses

- As a general resurfacing compound for repairing concrete surface.
- As an overlay at corridor, walkway, etc.
- As an underlay for soft floor covering.

Substrate Preparation

The substrate must be dry, clean and sound, free of dust, loose particles, grease or any other contaminants that may affect the adhesion QUICSEAL 579. Remove defective and unsound substrate followed by general washing using high pressure jet.

Check for presence of hollow screed and repair it by injecting with QUICSEAL 503 and allow to cure for 24 hours.

Patch cracks and holes exceeding 2mm with QUICSEAL 510 Non-Shrink grout reinforced with fibre-glass netting, Scrape off and discard old or partially set QUICSEAL 579.

Priming

Prior to application of QUICSEAL 113 Primer C, remove all free water from the surface. Apply 1-2 coats of QUICSEAL 113 at 30-40 minutes time interval between coats. QUICSEAL 579 should be applied as soon as the primer becomes tacky.

Mixing

Pour QUICSEAL 579 Level Crete Part A (liquid) into a clean container. Slowly add QUICSEAL 579 Level Crete Part B (powder) into the container containing Part A and mix with a low speed mechanical mixer for approximately 3 minutes until a homogeneous and lump-free consistency is obtained.

Application

Immediately after mixing, pour the well-mixed QUICSEAL 579 Level onto the dried surface and spread with a trowel at thickness of minimum 3 mm to maximum 5 mm per layer.

Leave a neat edge for subsequent batches. Subsequent mixes should be poured into the wet edges of the previous mix.

For placement of more than 1 layer, sufficient curing time interval of 2-3 hours is recommended for each subsequent layer, after the previous layer completely cures and hardens. Apply 1 coat of QUICSEAL 113 prior to application of QUICSEAL 579.

For areas directly exposed to weathering, a protective coating is highly recommended.

Packing & Coverage

Pack size : 25 kg /set

Coverage will depend on the condition of the floor.

The estimated coverage is 1.9 kg/ m²/mm thick.

Technical Data

PROPERTIES	SPECIFICATION
Product Type	Two-component, rapid setting, polymer modified, self-leveling compound
Consistency	Self-smoothing
Recommended Ratio (Part A : Part B)	5 :20
Mixed Colour	Grey
Pot Life	Approximately 15 minutes
Setting Time	Approximately 60 minutes
Ready for Foot Traffic	Approximately 1 hours, depending on site condition
Compressive Strength at 1 day	$\geq 15 \text{ N/mm}^2$
Compressive Strength at 7 days	$\geq 25 \text{ N/mm}^2$
Compressive Strength at 28 days	$\geq 36 \text{ N/mm}^2$

Note: Accredited test report available upon request

Storage

The shelf life of QUICSEAL 579 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 free of charge 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, please contact QUICSEAL.

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