



QUICSEAL 531FL

Paver-Crete FL

Description

QUICSEAL 531FL is a two component, pre-packed high performance acrylic polymer modified cement based, leveling mortar designed as a thin layer overlayment of thickness of 2mm to 5 mm.

QUICSEAL 531FL is suitable for all types of resurfacing, patching and repairing of concrete surface. Part A comprise of a polymer emulsion developed from the latest latex technology. Part B comprise of a blend of special cement, specially graded fillers and additives.

Typical Uses

QUICSEAL 531FL is ideal in the following areas:-

- As general resurfacing, patching and repairing of concrete surface or sound, sand: cement screeds with foot traffic.
- Topping of new and old concrete floors to increase skid and wear resistance.
- Resurfacing of worn out concrete floors
- Patching and repairing of damaged concrete surfaces
- Suitable for footpaths, pavements, void decks, aprons, areas subjected to foot traffic, etc.

Advantages

- Pre-packed – easy to mix and apply
- Rapid curing – accepts speedy access to foot traffic, those encouraging progress of subsequent works
- Excellent bond strength to substrates
- Excellent abrasion and impact resistance
- High flexural and tensile strength
- Can be applied onto damp substrates (no free water on substrate)

Surface Preparation

The substrate must be clean and sound, free of dust, loose particles. Laitance, oil, grease must be removed from concrete surfaces by scabbling, grinding, grit blasting or other means.

Defective and unsound substrate has to be removed and repaired prior to application of QUICSEAL 531FL

Existing substrate expansion joint is to be continued through the new topping and any moving cracks should be isolated with a movement joint.

Priming

Prime the surface with QUICSEAL 607 or QUICSEAL 113 (approx. 0.2 kg per m²). Please refer to the respective product technical data for more information.

Mixing

Pour Part A (liquid) into a clean container. Slowly add Part B (powder) into the container containing Part A and mix with a low speed mechanical mixer until a homogeneous and lump-free mix is obtained.

Application

Pour mixed QUICSEAL 531FL, immediately upon completion of mixing, onto the dry, primed surface, spread with a metal trowel and allow to “self-level”.

Roll the surface with a spiked roller to promote the release of any trapped air. Rolling should be done immediately after placement of the material. Do not over roll and do not attempt to float finish the setting surface.

For best results, the pouring and leveling should be a continuous process.

Curing

Consistent with cementitious toppings, it is essential to allow QUICSEAL 531FL to cure naturally in ambient conditions. Where rapid drying conditions exist, such as high temperature, direct sunlight, and strong wind, QUICSEAL 531FL should be protected with polythene sheet or QUICSEAL 507 Cure-shield WB to reduce premature water loss.

Allow a minimum curing time interval of 2 hours before opening up the area to foot traffic.

Packaging

QUICSEAL 531FL Paver-Crete is available in 30 kg set consisting of Part A emulsion and Part B powder.

Coverage

2.05 kg per m² per mm thickness.

Storage

Store in a sheltered, cool, dry place, protected from rain and sunlight and extreme temperatures. QUICSEAL 531FL has a shelf life of six months when stored as stated in its original packing.

Technical Data

Product Type	Two-Component, pre-packed high performance acrylic polymer modified cement based levelling mortar
Mix Ratio (Part A : Part B) by Weight	5 : 25
Wet Density (g/ml)	2.05
Pot Life	Approx. 15 minutes
Setting Time	Approx. 60 minutes
Compressive Strength at 28 days (ASTM C109)	>35 N/mm ²
Yield per 30kg Set	Approx. 14.6 ltrs
Recommended Thickness	5mm

Health & Safety

Avoid eye and unnecessary skin contact, as the product is alkaline
In case of eye contact, flush with plenty of clean water and seek medical help immediately.

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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www.ardex-quicseal.com