

QED SkimCoat™

Cementitious fairing and re-profiling mortar

Product Description

QED SkimCoat is a single component cementitious polymer modified concrete skim coat for use in horizontal, vertical and overhead applications.

Composition

QED SkimCoat consists of blended cements, acrylic polymers and graded sands.

Advantages

- Specially suited for hot weather
- Polymer modified
- Non toxic
- Spray or brush applied
- Can be overcoated

Uses

- Filing of bug holes (blow holes)
- Fairing coat
- Base coat for acrylic coatings

Laboratory Test Data

Property	Typical Results
Compressive strength	35MPa at 28 days
Flexural strength	5MPa at 28 days
Water absorption (ISAT)	<0.006 ml/m ² /sec after 2 hours

Application Properties

Application temperature	5 to 40C
Min. application thickness	1mm
Max. application thickness	5mm
Max. temp. of mixed mortar	30C
Application time	30 minutes at 20C 15 minutes at 35C

Actual results in the field will vary as a result of different factors such as temperature, actual water content, curing and compaction.

Packaging

25kg bags.
Water content: 6.5 to 7.0 liters.
Yield: Approximately 18 liters

Coverage

One bag of QED SkimCoat will cover approximately 9m² at 2mm thickness.

Shelf Life

24 months when stored below 35C under shade in a dry environment.

Installation Guidelines

QED Chemicals Limited provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation

Concrete substrate must be structurally sound. Loose or unsound concrete should be removed. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits.

Substrate Priming

After surface preparation has been completed, the substrate should be soaked with water and not allowed to dry out. It should be in a saturated surface dry (damp) condition at the time of application of QED SkimCoat.

Mixing

Add QED SkimCoat to water and mix for at least three minutes using an QED Chemicals Limited approved forced action mechanical mixer.

Application

The mixed material should be applied immediately after mixing is completed. Apply using a steel trowel to the required thickness; allow to partially stiffen, then finish using a trowel to achieve a uniform dense surface. Do not use water to finish the surface.

Curing

In high temperature, windy conditions cure immediately after finishing using QED BondCure, or cure continuously with potable water in accordance with good concrete practice for seven days.

Limitations

Do not mix by hand.

Do not part mix; use only full bags.

Do not apply in rain or wet conditions or at temperatures below 5C.

Do not expose to running water until product is cured fully.

Health and Safety

This product is for industrial use only by trained operatives. It is potentially hazardous if not used correctly. Please refer to the Material Safety Data Sheet (MSDS) prior to the purchase and use of this product. The MSDS can be obtained via our website www.xqglobal.com.

Authorized Technical Specialist

Please note that only X-Calibur Authorized Technical Specialists ('ATs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit www.xqglobal.com for a full list of X-Calibur ATs.

Datasheet Validity

QED Chemicals Limited makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on www.xqglobal.com.net to ensure you have the latest version.

Warranties

QED Chemicals Limited supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. QED Chemicals Limited does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to QED Chemicals Limited in writing within five working days of being detected. QED Chemicals Limited **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** QED Chemicals Limited shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.

SkimCoat is a trademark of X-Calibur International FZC

QED Chemicals Limited

Broad Quay House
5th Floor
Prince Street
Bristol, UK
BS1 4DJ

T: +44 (0) 117 9758 604
F: +44 (0) 117 9058 800
E: uk@xqglobal.com