



constructive solutions

Dekguard FC

Water-based acrylic protective and decorative coating for concrete and masonry

Uses

To protect atmospherically exposed reinforced concrete structures, cementitious substrates and masonry from aggressive elements, weathering and rain.

Advantages

- High resistance to the effects of long-term weathering and durable in all climatic conditions.
- Protective treatment against carbon-dioxide, water and chloride ions.
- Water-based.
- Wide range of decorative colours.
- Exterior coating.
- Matt finish.

Standards compliance

Jordanian Standard Specifications No. 31, 1994, Emulsion Paints.

Description

Dekguard FC a single component ready for immediate site use, acrylic emulsion coating offering high performance properties over a variety of substrates.

Properties

Color	: Grey, white, special colors upon request
Specific gravity	: 1.37 - 1.41 @ 25°C depending on the color
Solids by WT.	: 55 - 59% depending on the color
Touch dry	: 30 Mins.
Recoat time	: 2 Hours

Application instructions

Preparation

All surfaces should be dry and free from any contamination and all traces of mould release oils and curing compounds. This is best achieved by lightly grit-blasting the surface. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

Where application over existing sound coatings is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coating and the substrate. For advice, consult the local Fosroc office. It is essential to produce an unbroken coating of Dekguard FC. Surfaces containing blow-holes or areas of pitting should first be filled using Renderoc FC, a cementitious fairing coat. Rougher substrates can be levelled using a cementitious product from Fosroc Repair Range.

Application

In order to obtain the protective properties of the Dekguard FC system, it is important that the correct rates of application and overcoating times are observed.

Dekguard FC should be applied in two coats. First coat can be thinned with clean water depending on the substrate. Recoat time for second coat is two hours. If necessary, a third coat can be applied to achieve a hiding power.

Dekguard FC may be applied by the use of suitable brushes, rollers or airless spray equipment.

Cleaning

Dekguard FC should be removed from tools and equipment with clean water immediately after use.

Limitations

Application of Dekguard FC should not commence if the temperature of the substrate is below 5°C.

Estimating

Supply

Dekguard FC : 18 liter pails

Coverage

Dekguard FC : Approx. 0.20 ltr/m²/coat

The coverage figures given are theoretical - due to wastage factors and the variety and nature of possible substrates, practical coverage figures will be reduced.

Storage

Dekguard FC has a shelf life of 12 months if kept in a dry store in the original, unopened packs. Store in cool, dry conditions, away from sources of heat and naked flames. If stored at high temperatures and/or high humidity conditions the shelf life may be reduced. Dekguard FC should be protected from frost.

Dekguard FC

Precautions

Health and safety

Dekguard FC should not come in contact with the skin and eyes, or be swallowed. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water.

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

If swallowed, seek medical attention immediately — do not induce vomiting.

Fire

Dekguard FC is non-flammable.

Disposal

Spillages of component products should be absorbed onto earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal authority regulations.

For further information, refer to the Product Material Safety Data Sheet.

Additional Information

Fosroc manufactures a wide range of complementary products which include:

- waterproofing membranes & waterstops
- joint sealants & filler boards
- cementitious & epoxy grouts
- specialised flooring materials

Fosroc additionally offers a comprehensive package of products specifically designed for the repair and refurbishment of damaged concrete. Fosroc's 'Systematic Approach' to concrete repair features the following:

- hand-placed repair mortars
- spray grade repair mortars
- fluid micro-concretes
- chemically resistant epoxy mortars
- anti-carbonation/anti-chloride protective coatings
- chemical and abrasion resistant coatings

For further information on any of the above, please consult your local Fosroc office.



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Important note:

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard Conditions for the Supply of Goods and Services, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation, specification of information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation of information given by it.

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