



# Dekguard® Standard (M)

## Anticarbonation, Aliphatic acrylate based protective and decorative coating for concrete and masonry

### Uses

To protect atmospherically exposed reinforced concrete structures from attack by acid gases, chloride ions, sulphates, oxygen and water. The product is also suitable to protect other cementitious substrate and masonry. Dekguard Standard (M) is suitable for use on all types of structures, especially those in aggressive marine and coastal environments.

### Advantages

- Excellent barrier to carbon dioxide, chloride ions, sulphates, oxygen and water
- Allows water vapour to escape from the structure (Breathability)
- Highly UV resistant aliphatic acrylate gives exceptional resistance to the effects of long term weathering.
- Highly durable in all climatic conditions.
- Selected range of decorative colours
- Ease of application, single pack - can be applied with brush or airless spray.

### Description

Dekguard Standard (M) system comprises of a single component, penetrating silane/siloxane primer and a single component pigmented coating, both ready for immediate site use.

Dekguard Standard (M) is aliphatic acrylate, solvent based protective coating, providing outstanding resistance to aggressive agents, UV light and rain. It is available in a selected range of colours.

### Technical support

The company provides a technical advisory service supported by a team of specialists in the field.

### Properties

- Adhesion to concrete** : Excellent
- Water permeability** : Nil
- Resistance to chloride, sulphate ions and carbonation** : Excellent
- UV resistance** : Excellent
- Resistance to algae & fungi** : Excellent

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### Application instructions

#### Preparation

All surface should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algae growth, laitance, 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.

It is essential to produce an unbroken coating of Dekguard Standard(M). To ensure this is achieved, surfaces containing blowholes or similar areas of pitting should first be filled using a suitable fairing coat.

#### Application

In order to obtain the protective properties of the Dekguard Standard (M) system, it is important that the correct rates of application and over coating time are observed.

	Dekguard Standard Primer (M)	Dekguard Standard (M)
<b>Number of coat(s) recommended</b>	1	2
<b>Total dry film thickness</b>	N.A.	min.165 microns
<b>Over coating time @ 30°C</b>	2 hours	6 hours

Application should not commence if the temperature of the substrate is below 10°C.

The primer should be allowed to dry for a minimum of two hours (at 25°C) before application of Dekguard Standard(M). Under no circumstances should the primer be over coated until the surface is properly dry.

All primed substrates should be treated with two coats of Dekguard Standard(M). The material should be stirred thoroughly before use. The first coat should be applied to all areas by the use of suitable brushes or rollers to achieve a uniform coating. This coat should be allowed to dry before applying the second coat.

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## Cleaning

Dekguard Standard primer(M), Dekguard Standard(M) should be removed from tools and equipment using Nitoflor Sol.

## Estimating

## Packaging & coverage

Dekguard Standard primer(M)	5 & 20 litre cans
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Nitoflor Sol	5 & 20 litre cans

## Coverage

Dekguard Standard primer(M)	10 m <sup>2</sup> / litre / coat
Dekguard Standard(M)	3 m <sup>2</sup> / litre @ 165 microns dft in 2 coats

The coverage figures given are theoretical. Due to wastage factors and the variety and nature of possible substrates, practical coverage may vary.

## Storage

12 months if kept in a dry store in its original sealed packing under normal warehouse conditions.

## Precautions

### Health & Safety

Dekguard Standard primer(M) and Dekguard Standard(M) and Nitoflor Sol should not come in contact with the skin and eyes, or be swallowed. Adequate ventilation should be ensured and inhalation of vapours should be avoided. Some people are sensitive to resins, hardeners and solvents, hence suitable protective clothing, gloves and eye protection should be worn. If working in confined areas, suitable respiratory protective equipment must be used. The use of barrier creams provide additional skin protection. In case of contact with skin, should be rinsed immediately with plenty of clean water and medical advice sought. If swallowed, medical attention sought immediately. Should not induce vomiting.

### Fire

Dekguard Standard Primer(M), Dekguard Standard (M) and Nitoflor Sol are flammable, should be kept away from sources of ignition. Smoking not allowed. In the event of fire, extinguish with CO<sub>2</sub> or foam, should not use a water jet.

### Flash points

Dekguard Standard Primer(M)	38°C
Dekguard Standard(M)	42°C
Nitoflor Sol	3°C

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### Important note :

Fosroc products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Fosroc endeavours to ensure that any advice, recommendation specification or 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 or information given by it.

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