



# Dekguard Primer DG

Silane Siloxane based penetrating and film forming primer for Dekguard S & Dekguard E2000

## Uses

Dekguard Primer DG is an integral part of Dekguard S & Dekguard E2000 system, used as a film-forming, stabilising primer.

## Advantages

It protects concrete from Ingress of water and chloride ions and Scaling/spalling and has the following advantages:

- Excellent water repellency
- Resistant to fuels and oils
- Suitable for both new and old concrete
- Single part – Easy to use

## Description

Dekguard Primer DG is a film-forming, stabilising primer (Dekguard Primer DG) which is supplied as a clear liquid and is based on an acrylic resin and a silane-siloxane dissolved in a penetrating organic carrier. The primer is reactive and capable of producing a chemically-bound hydrophobic barrier, thus inhibiting the passage of water and water-borne contaminants. A thin surface film is produced which consolidates and stabilises porous substrates.

## Instruction for use

Prior to application of Dekguard S or Dekguard E2000, it is essential to prime the substrate with Dekguard Primer DG.

The primer will penetrate and “stabilise” the substrate. The depth of penetration of the primer, and thus its coverage rate, are determined by substrate profile, porosity and general condition. Hence for low permeability concretes, primer penetration will be low and area covered per litre will be high – permeability may be affected by cement replacements (e.g. microsilica). It is thus recommended that a general coverage rate of 4m<sup>2</sup>/litre be observed, noting that this may change according to substrate condition.

Any areas of glass should be masked. Plants, grass, joint sealants, asphalt and bitumen-painted areas should be protected during application.

The primer is best applied by using portable spray equipment e.g. knapsack-type. A uniform surface appearance (sheen) should be apparent when the required rate of application rate has been achieved. If any matt, porous patches remain, then a further application of Dekguard Primer DG should be made.

If in any doubt regarding substrate priming, contact the local Fosroc office.

## Application

The correct application rates and overcoating times should be observed, in order to obtain the complete benefits of the protective properties of the Dekguard S or Dekguard E2000 system, except where substrate condition dictates different application rates for the primer.

### Dekguard Primer DG

Number of coats	: 1
Theoretical application rate per coat	: 4m <sup>2</sup> /ltr
Theoretical wet film thickness per coat	: n/a
Overcoating time	: @ 20°C 2 hours & @ 35°C 1 hour

The primer should be allowed to dry for a minimum of 2 hours at 20°C (or 1 hour at 35°C) before application of Dekguard S or Dekguard E2000. Under no circumstances should the primer be overcoated until the surface is properly dry.

Refer to the Technical Data Sheet of Dekguard S or Dekguard E2000 for further details.

## Limitations

- Should not be used at temperatures below 4°C.
- Concrete coated with sealers, coating or curing membranes must be stripped to provide an open surface.

### 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 Service. **All Fosroc datasheets are updated on a regular basis. It is the user's responsibility to obtain the recent version.**

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