Dekguard Primer WB

constructive solutions

Water based, environmentally friendly primer

Uses

- Protects concrete from Ingress of water and chloride ions
- Excellent water repellency
- Suitable for both new and old concrete
- Single part – easy to use
- Suitable for application in confined areas
- Used as protective primer with Dekguard E2000 and Dekguard AC towards the attack of carbonation and chloride ions.

Advantages

- Green product
- Environmentally friendly
- Free of solvents
- Works on par with the conventional primers
  Dekguard Primer and
  Dekguard primer DG

Description

Dekguard Primer WB is a penetrating, primer which is supplied as a clear liquid and is based on an silane-siloxane dissolved in water. 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.

Instructions for use

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. It is thus recommended that a general coverage rate of 4m^2/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 WB 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, except where substrate condition dictates different application rates for the primer.

	Dekguard Primer WB
Number of coats	: 2 or 3 (Depending on concrete porosity)
Theoretical application rate per coat	: 4m²/ltr
Over coating time	: @ 20ºC 2 hours and @ 35ºC 1 hour

Under no circumstances should the primer be overcoated until the surface is properly dry.

Limitations

- Should not be used at temperatures below 4ºC.
- 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.**