

# Dekguard Primer WB

**Alkali resistant, water based,  
environmentally friendly primer**

## Uses

- Suitable for both new and old concrete
- Suitable for application in confined areas
- Used as a primer layer with Dekguard E2000

## Advantages

- Water based, green product with low VOC
- Alkali-resistant primer, can be used on alkaline surfaces such as plaster, vertical concrete and masonry surfaces
- Single part – easy to use

## Description

Dekguard primer WB is an acrylic based primer which is supplied as a white liquid and is based on special type of water based acrylic polymer that enables it to be applied over alkaline surfaces such as plaster, concrete and masonry.

## Properties

| Test              | Method     | Unit              | Result     |
|-------------------|------------|-------------------|------------|
| Density           | ASTM D1475 | g/cm <sup>3</sup> | 1.37       |
| Dry Time          | ASTM D1640 |                   | 15 minutes |
| Hiding Power      | ASTM D2805 | %                 | 99.7       |
| VOC               | USEPA 24   | g/L               | 17.43      |
| Adhesion          | ASTM D4541 | MPa               | > 2        |
| Volume Solids     |            | %                 | 50         |
| Alkali Resistance | ASTM C1308 |                   | Resistant  |

## Instruction for use

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 brush or short hair roller. 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.

## Substrate preparation

All surfaces should be dry and free from contamination such as oil, grease, loose particles, decayed matter, moss, algal growth, laitance, and all traces of mould release oils. This is best achieved by lightly grit-blasting the surface to the point where the fine aggregates are exposed but not polished. Where moss, algae or similar growths have occurred, treatment with a proprietary biocide should be carried out after the grit-blasting process.

All blow holes and similar surface irregularities should be filled using Renderoc FC and should be allowed to cure properly before the application of Dekguard Primer WB. Consult the local Fosroc office for further details.

## 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                       | : 1                                   |
| Theoretical application rate per coat | : 4m <sup>2</sup> per litre           |
| Over coating time (Approximately)     | : @ 20°C 2 hours and<br>@ 35°C 1 hour |

Dekguard Primer WB should be applied to achieve a uniform coating with a wet film thickness not less than 200 microns. This coat should be allowed to dry until firm to the touch. Typically, this will be after approximately 1-2 hours depends on weather conditions.

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

## Cleaning

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

## Estimating

## Supply

|                    |                  |
|--------------------|------------------|
| Dekguard Primer WB | : 20 litre Pails |
|--------------------|------------------|

# Dekguard Primer WB

---

## Limitations

Where application over existing sound coatings or paints is required, trials should be conducted to ensure compatibility and retention of the bond between the underlying coating and the substrate. Compatibility and soundness should be assessed on a trial area.

Dekguard Primer WB should not be used in submerged or permanently wet conditions. Consult the local Fosroc office for recommendations.

Application should not commence if the temperature of the substrate is below 20°C or above 60°C, or where the prevailing relative humidity exceeds 90%.

In conditions of high relative humidity i.e. 85-90% good ventilation conditions are essential. Substrate temperature should be at least 3°C above dew point.

Dekguard Primer WB should not be applied in windy conditions where early-age dust adhesion may occur, or where rain is likely within 2 hours.



## Fosam Company Limited

Head Office  
Post Box 11081  
Jeddah – 21453  
Saudi Arabia

[www.fosroc.com](http://www.fosroc.com)

### 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.

---

Telephone: +966 12 637 5345

Fax: +966 12 637 5891

email: [fosam@fosroc.com](mailto:fosam@fosroc.com)

### Regional Offices

|                     |                     |                     |         |                     |                     |
|---------------------|---------------------|---------------------|---------|---------------------|---------------------|
| Jeddah Sales Office | Tel: (012) 608 0999 | Fax: (012) 638 0693 | Yanbu   | Tel: (014) 322 4280 | Fax: (014) 391 2980 |
| Jeddah Showroom     | Tel: (012) 665 0187 | Fax: (012) 667 4844 | Makkah  | Tel: (012) 542 0869 | Fax: (012) 542 0869 |
| Riyadh              | Tel: (011) 482 9303 | Fax: (011) 482 7562 | Medinah | Tel: (014) 855 0091 | Fax: (014) 855 0047 |
| Dammam              | Tel: (013) 814 1282 | Fax: (013) 814 1581 | Jubail  | Tel: (013) 362 3904 | Fax: (013) 362 3875 |
| Khamis Mushayt      | Tel: (017) 250 0469 | Fax: (017) 250 0469 | CSD     | Tel: (012) 608 0999 | Fax: (012) 638 0693 |

Registered Office: Industrial Area, Phase 4, Road No. 102, Street No. 82