

KWA-ZULU NATAL

T : 031 701 2619

E : natal@mccsa.co.za

Unit 7, Marlmead, 4 Reed Place,
Maxmead, Pinetown, 3610

WESTERN CAPE

T : 021 934 0373

E : saleswc@mccsa.co.za

27 Reuben Kaye Rd, Parow Industrial,
7493 | P.O. Box 736, Brackenfell, 7561

BETON SEAL SUPER K

Multi-purpose Concrete Waterproofing and Hardening Compound

Description

Beton Seal Super K is a ready-for-use clear liquid compound. Economical multi-purpose chemical compound which is easily applied to new or existing concrete and masonry structures to provide a permanent waterproof barrier. Case hardens and strengthens the matrix. preventing dusting, minimizing wear and chemical attack.

Typical Applications

Beton Seal Super K is specially formulated to penetrate untreated concrete or mortars to a depth of up to 20mm. It reacts with the calcium salts, using moisture as a catalyst, to form a gel which crystallizes and seals the pores and capillaries of the matrix. The by-products of this chemical reaction are permanently bound into the matrix and are irreversible, providing a case hardened and waterproofed surface to a depth of several millimetres. Beton Seal Super K effectively seals cracks up to 3mm wide and finds application in bridge and rood decks, floors and screeds, foundations and basements, supporting and retaining walls, aprons and runways, water retaining structures, silos, precast concrete elements, tiled decks, roads and parking pavements.

Advantages

- Deep penetrating into substrates
- Waterproofing below surfaces
- Economical
- Easy to apply
- Hardens the screed surface
- Excellent penetration
- UV Resistant

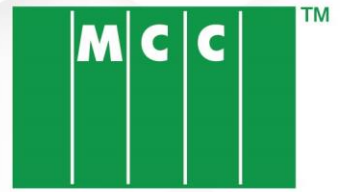
Typical Properties

Density	1.12 g/cm ³
pH	12-13
Mixing Ratio	As Supplied
Appearance	Amber liquid
Drying Time	12-24 hours
Application Temp.	5 - 25°C
Colour on Drying	Clear
Coverage	4-5m ² /litre

Watch Points

- Beton Seal Super K can only be used on concrete that is formulated with Portland cements. If Portland cement is reduced due to the use of pozzolans, fly ash or slag, then use of Beton Seal K Activator No.12 is required.
- Only apply over concrete that is fully cured: 28 days.
- Only apply over cement-based render or mortar joints after 7 days.
- Beton Seal Super K is a high alkaline solution, avoid direct skin contact and contact with soft metals.
- Spot check for staining on tiles before applying over tile grouting.

TECHNICAL DATA SHEET



**MULTI CONSTRUCTION
CHEMICALS**

www.mccsa.co.za

KWA-ZULU NATAL

T : 031 701 2619

E : natal@mccsa.co.za

Unit 7, Marlmead, 4 Reed Place,
Maxmead, Pinetown, 3610

WESTERN CAPE

T : 021 934 0373

E : saleswc@mccsa.co.za

27 Reuben Kaye Rd, Parow Industrial,
7493 | P.O. Box 736, Brackenfell, 7561

BETON SEAL SUPER K

Directions for Use

Surface Preparation:

Beton Seal Super K must be applied onto dry concrete or mortar that is free of dust and dirt, oil, grease, laitance, mortar droppings, curing compounds or any previous coatings. Care must be taken when removing membranes/coatings not to allow dissolved material to penetrate the matrix. Removal of laitance, mortar droppings and membranes is preferably done by mechanical means. such as high-pressure water jets or grinder. (Wet grit blasting may also be used.)

Priming:

No priming is required.

Application:

Spray apply Beton Seal Super K onto the surface and allow to soak in. DO NOT allow ponding to take place after saturation - use a broom or squeegee to brush away any excess Beton-Seal Super K from horizontal surfaces. Allow the treated area to dry over 12 to 24 hours. Potable water is then sprayed gently over the area at least once a day on 2nd, 3rd and 4th consecutive days. On the 5th day, thoroughly clean the surface if necessary, using a hard broom and water, to remove any un-reacted material from the surface. Test for water tightness and/or improvements in hardness. It is recommended. whenever possible to keep the treated surface damp for a few days after the 4th treatment. In hot conditions, the surface should preferably be kept covered to eliminate evaporation.

Treatment of Cracks:

Allow Beton Seal Super-K to soak in by making extra passes with the spray gun along the cracks. When treating larger cracks, it is best to build a "dam" with sand on either side of the crack and pour Beton Seal Super K into the dam to allow the chemical to fully penetrate the crack.

Equipment Care

Clean all equipment immediately after use with water.

Packing

Supplied in 5LT and 25LT containers.

Quality Assurance

Multi Construction Chemicals South Africa (PTY) Ltd production and testing programs comply with all local and international testing standards.

REVISION: 3.1

The information supplied is believed to be reliable. As we do not have any control over the processing or application of the product we cannot guarantee the results to be obtained. Users assume all risks and liability resulting from the use of this product and must confirm the suitability thereof by conducting their own tests. No guarantee is expressed or implied. Liability is limited to the replacement of faulty material.

FOR PROFESSIONAL USE ONLY

MULTI CONSTRUCTION CHEMICALS SOUTH AFRICA (PTY) LTD
Reg. No. 2017/323926/07