

Waterproofing Slurry

- efflorescence-free surface waterproofer
- for concrete, masonry and render
- can be used against active or passive water pressure
- approved for drinking water structures

Product Description VANDEX BB 75 is a cementitious, ready-mixed, efflorescence-free surface waterproofer with hydrophobic properties, resistant to water and moisture.

Areas of Application VANDEX BB 75 is applied to surfaces such as concrete, masonry and render, which have to be sealed and protected against the influence of water and moisture.

Properties Owing to its composition of cement, quartz with graded grain-size distribution and special chemical ingredients of an inorganic nature, VANDEX BB 75 is waterproof (tested up to 7.0 bar). It can be employed against active and pas-sive water pressures. VANDEX BB 75 is safe to use with potable water. The initial and final bonding capability of VANDEX BB 75 is excellent, making it suitable to be applied to horizontal as well as vertical surfaces. It is durable, resistant to frost and heat after setting, but all the same permeable to vapour. VANDEX BB 75 is not a decorative material.

Surface Preparation The substrate to be sealed must be firm and relatively even, and its surface free from voids, gaping cracks or ridges. Bitumen, oil, grease or remains of paint have to be removed by suitable means.

Laitance and unsound concrete have to be removed by bush hammering or sand blasting. The substrate should be well prewatered and slightly damp at the time of application.

Mixing Place 25 kg of VANDEX BB 75 in a clean container, add 5.0 - 5.75 litres of water for brush or trowel application, or 5.75 - 6.25 litres of water respectively for spray application and stir for at least 3 minutes with a mechanical mixer.

Application VANDEX BB 75 may be applied with a masonry brush, trowel or spray equipment. Do not apply at temperatures below +5° C, or to a frozen substrate. A maximum of 4 kg/m² can be laid on in one application. Provide suitable protection against extreme weather conditions while setting. In case of subsequent screeds, renders or tile fixings, the VANDEX BB 75 coating is to be covered by a thin rough cast of sand and cement 3:1 while still „green“.

Consumption

Water sealing problem	Minimum thickness of layer	Approx. minimum amount of sealing slurry to be applied
1. Ground moisture	1.5 mm	3 kg/m ²
2. Pressureless surface water and seepage	2 mm	4 kg/m ²
3. Water under pressure	3 mm	6 kg/m ²
Max. thickness of layer is 5 mm		

Packaging

25 kg PE-lined paper bags.

Storage

When stored in a dry place in unopened, undamaged original packaging, shelf life is 12 months.

Technical Data

Aggregate state	powder
Colour	grey
Bulk density	approx. 1,4 kg/l
Setting time	approx. 2 to 4 hours
Compression strength	40 N/mm ² 28 days air storage 20° C / 65 % relative humidity
Bending tensile strength	6 N/mm ² 28 days air storage 20° C / 65 % relative humidity
Modulus of elasticity	2.14 x 10 ⁴ N/mm ² 28 days air storage / 23° C / 50 % relative humidity
All data are averages of several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and porosity of substrate may affect these values.	

Health and Safety

VANDEX BB 75 contains cement.

Irritating to eyes and skin. May cause sensitization by skin contact. Keep out of reach of children. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. For further information please refer to Material Safety Data Sheet.

The information contained herein is based on our long term experience and the best of our knowledge. We can, however, make no guarantee since for a successful outcome, all circumstances in an individual case must be taken into consideration. Indications of quantities required are only averages which in certain cases might be greater.



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