

Waterproofing Slurry, white

- *efflorescence-free surface waterproofer of white colour*
- *for concrete, masonry and render*
- *especially suitable for drinking water structures*

PRODUCT DESCRIPTION

VANDEX BB WHITE is a cementitious, ready-mixed, efflorescence-free surface waterproofer based on white Portland cement with hydrophobic properties, resistant to water and moisture.

AREAS OF APPLICATION

VANDEX BB WHITE is applied to surfaces such as concrete, masonry and render, which have to be sealed and protected against the influence of water and moisture. Because of its characteristic white colour it is mainly used for exposed surfaces, e.g. for potable water reservoirs.

PROPERTIES

Owing to its composition of cement, quartz with graded grain-size distribution and special chemical ingredients of an inorganic nature, VANDEX BB WHITE is waterproof. It can be employed against active and passive water pressures. VANDEX BB WHITE is safe to use with potable water. The initial bonding capability of VANDEX BB WHITE 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, and at the same time vapour permeable.

SURFACE PREPARATION

The substrate 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

Mix 25 kg of VANDEX BB WHITE with 5–6.25 litres of tap water for at least 3 minutes to a lump-free, homogeneous consistency. Use a mechanical mixer.

APPLICATION

VANDEX BB WHITE can be applied with a masonry brush, trowel or mortar pump. Coatings of more than 4 kg/m² have to be laid on in two working cycles. Apply second coat while first coat is still „green“. Do not apply at temperatures below +5 °C, or to a frozen substrate, and provide protection against extreme weather conditions during the setting period.

CONSUMPTION

6 kg/m²

PACKAGING

25 kg PE-lined paper bag

STORAGE

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

HEALTH AND SAFETY

VANDEX BB WHITE contains cement. Irritating to skin. Risk of serious damage to eyes. – Keep out of reach of children. Do not breathe dust. 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 and eye/face protection. – For further information please refer to Material Safety Data Sheet on www.vandex.com.

TECHNICAL DATA		
Aggregate state		powder
Colour		white
Bulk density	[kg/l]	approx. 1.3
Setting time	[h]	3 to 4
Compressive strength 28 days, air storage, 20 °C, 65% rel. humidity	[N/mm ²]	32,2
Bending tensile strength 28 days, air storage, 20 °C, 65% rel. humidity	[N/mm ²]	6
Modulus of elasticity	[N/mm ²]	1,99 × 10 ⁴
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.		

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.



CONCRETE PROTECTION AND WATERPROOFING

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