Grey waterproofing slurry
• against active or passive water pressure
• for concrete and masonry
• efflorescence-free
• applicable by spray equipment

PRODUCT DESCRIPTION
VANDEX BB 75 is a cementitious, ready-mixed surface waterproofer.

AREAS OF APPLICATION
- Substrates: concrete and masonry
- active or passive waterproofing and protection against water and moisture
- foundations, slabs, retaining walls, etc.
- drinking water structures

PROPERTIES
Owing to its composition of cement, quartz with graded grain-size distribution and selected additives, VANDEX BB 75 is waterproof. It can be employed against active and passive water pressures. 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 tested for use in contact with drinking water.

SURFACE PREPARATION
The substrate to be treated must be sound and even, open-pored, roughened and its surface free from voids, large cracks or ridges. Any adhesion reducing substances like bitumen, oil, grease, remains of paint or laitance must be removed by suitable means. Water leaks must be stopped e.g. with VANDEX PLUG. Thoroughly moisten the substrate it must be damp but not wet at the time of application. Any surface water on horizontal surfaces must be removed.

Brick- and blockwork substrates
Any remaining plaster, render or other substances that could inhibit bonding must be removed back to the substrate. Gypsum, remains of wood or other foreign material must be removed by appropriate means. Loose pointing must be routed out and the substrate cleaned thoroughly.

MIXING
Mix 25 kg of VANDEX with 4.5–6 litres of tap water in a clean container for at least 3 minutes to a lump-free, homogeneous consistency. Use a mechanical mixer.

APPLICATION
VANDEX BB 75 is applied with brush, trowel or suitable spray equipment.

CONSUMPTION

<table>
<thead>
<tr>
<th>Type of water impact</th>
<th>Recommended overall application rate</th>
<th>Total layer thickness (approx.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressureless water</td>
<td>3–4 kg/m²</td>
<td>1.5–2 mm</td>
</tr>
<tr>
<td>Water under pressure</td>
<td>4–6 kg/m² depending on water pressure</td>
<td>2–3 mm</td>
</tr>
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Note:
Substrate and application conditions have to be observed. Depending on surface roughness, consumption may vary.

A maximum of 2 mm (approx. 4 kg/m²) can be applied in one working cycle. In most cases the application of more than one coat is recommended; please refer to relevant specification. It is recommended to apply the next coat whilst the previous coat is still damp on the surface. The previous coat must not be damaged during application of the following coat. The waiting time before applying the following coat depends on local climatic conditions such as humidity, temperature, etc. The previous coat is textured by suitable means whilst still plastic to form a key. To maintain workability of the material do not add water, simply re-stir the mixture.

Brush application
Ensure that all cavities in the substrate are filled.

Trowel application
First a scratch coat is applied for maximum adhesion to the substrate, working from the bottom up. Ensure that all cavities in the substrate are filled in order to exclude any trapped air.

Spray application
VANDEX BB 75 can be applied with a suitable fine mortar spraying device.

For maximum spray pattern it should be possible to adjust volume of product as well as air pressure and volume. The nozzle diameter is approx. 6 mm.

The first layer of Vandex is applied in a circular motion with the spray nozzle held at a 90° angle to the substrate. The material is then flattened and keyed. The final layer can be left as a spray finish or treated to a specified finish.

Do not apply at temperatures below +5 °C, or to a frozen substrate.

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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.