

## Application Guidelines

### Related Product Information

- Data Sheet & Material Safety Data Sheet:  
VANDEX ROUGH CAST

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### 1. Preparation of Substrate

The substrate must be sound and free of any foreign substances which could reduce the bonding of the VANDEX ROUGH CAST. Any remaining plaster, render or other bond-inhibiting substances should be removed by appropriate means. Loose pointing material should be routed out and the substrate cleaned thoroughly.

Depending on the salt analysis, treat with VANDEX ANTI NITRATE and / or with VANDEX ANTI SULPHATE in accordance with the relevant Application Guidelines.

### 2. Pre-watering

Prior to applying VANDEX ROUGH CAST, rinse carefully all the surfaces to be treated and pre-water with clean water.

Pre-water several times so that the surfaces are thoroughly saturated. When VANDEX ROUGH CAST is applied, the surface should be damp but not wet.

### 3. Climatic Conditions

Do not apply VANDEX ROUGH CAST at temperatures +5 °C (40 °F) or to frozen substrate.

### 4. Mixing

Sprinkle the contents of one bag (40 kg) of VANDEX ROUGH CAST into a bucket containing approx. 6.5 litres of clean water. Mix thoroughly with a forced action mixer for at least 3 minutes, ensuring the mortar is thoroughly and evenly mixed.

If the structure is contaminated with salts:

For sulfate contamination mix 8 kg of VANDEX ANTI SULFATE with 1 bag (40 kg) of VANDEX ROUGH CAST.

### 5. Layer Thickness

VANDEX ROUGH CAST is applied to a minimum thickness of 5 mm.

### 6. Application Method

VANDEX ROUGH CAST serves as bonding bridge between the substrate and VANDEX LEVELLING PLASTER or VANDEX REFURBISHMENT PLASTER white for interior and exterior application. VANDEX ROUGH CAST can be applied by casting or spraying onto a damp, but not wet, substrate. Free surface water must be removed. VANDEX ROUGH CAST is randomly applied covering only 50 % of the surface. Leave the VANDEX ROUGH CAST surface rough, as cast or as sprayed.

Leave the VANDEX ROUGH CAST until it has hardened sufficiently to accept the following plaster coats (at least 4 hours). Ensure the surface is damp (not wet) when applying further coats.

## 7. Consumption

Approx. 5 kg/m<sup>2</sup> per 5 mm of thickness of VANDEX ROUGH CAST, when applied randomly covering only 50 % of the surface.

## 8. Curing and Protection

VANDEX ROUGH CAST is cement-based and will cure and harden in the same way as ordinary concrete. Setting and hardening will depend on the surrounding temperature and humidity.

The application of VANDEX ROUGH CAST is subject to the Plaster Guidelines in accordance with DIN 18 550: heat, frost, and high winds should be avoided during application and up to 24 hours thereafter. During this period the VANDEX ROUGH CAST must be kept damp.

## 9. Health and Safety

VANDEX ROUGH CAST 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 longterm 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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