

Premixed Mortar for Providing Bonding Bridges for the Vandex Refurbishment Plaster System

- rough cast in accordance with WTA* Specifications 2-2-91
- provides good bonding properties even after long periods of time

Material	Premixed mortar, in accordance with DIN 18 557, mortar group PIII pursuant to DIN 18 550, to improve bonding of the Vandex Refurbishment Plaster System onto mineral building material surfaces.
Areas of Application	VANDEX ROUGH CAST serves as bonding bridge between building material surfaces and VANDEX LEVELLING PLASTER or VANDEX REFURBISHMENT PLASTER white for interior and exterior application.
Properties	VANDEX ROUGH CAST serves as bonding bridge on various types of masonry and also serves to even out suction on surfaces consisting of differing types of masonry. It can be coated over even after long periods of time.
Surface Preparation	Remove existing plaster or any coatings or loose particles which would inhibit bonding, down to bare masonry. (In the case of rising damp, up to 1 m above signs of visible damp or salt contamination.) Remove any other foreign bodies from within the structure that could cause disruption, such as timber or steel. Rake out loose mortar joints to a depth of approximately 20 mm. Thoroughly clean the walls by wire brush or other suitable means (do not use water) and immediately sweep up resulting debris from the floor before it can cause any further contamination. Protecting the floor with polythene prior to preparation of the wall is recommended.
Salt Treatment	If the structure is contaminated with salts: <ol style="list-style-type: none">1. For nitrate contamination, apply VANDEX ANTI NITRATE in accordance with the VANDEX ANTI NITRATE standard specification.2. For sulfate contamination mix 8 kg of VANDEX ANTI SULFATE with 1 bag (40 kg) of VANDEX ROUGH CAST.
Mixing	Sprinkle the contents of one bag (40 kg) of VANDEX ROUGH CAST into approx. 6.5 litres of clean, cold water. Mix thoroughly with a forced action mixer for at least 3 minutes, ensuring the mortar is thoroughly and evenly mixed.
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 applied as an open textured layer, covering approximately 50% of the surface on average. Leave the VANDEX ROUGH CAST surface rough, as cast or 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.

Remarks

- a) Hardened VANDEX ROUGH CAST is vapor permeable
- b) The application of VANDEX ROUGH CAST is subject to the Plaster Guidelines in accordance with DIN 18 550: heat, freezing, high winds should be avoided during application and up to 24 hours thereafter. During this period the VANDEX ROUGH CAST must be kept damp.
- c) Protect glass, woodwork, or any other built - in object against contamination.
- d) If contamination occurs, clean affected surfaces immediately.
- e) Clean all tools and equipment with water, immediately after use.
- f) No special precautions are necessary for disposing of hardened material.

Consumption

Approx. 5 kg/m² for 5 mm of thickness of VANDEX ROUGH CAST, when applied open textured covering only 50 % of the surface.

Packaging

PE-lined paper bag of 40 kg.

Storage

When stored in a dry place in unopened, undamaged original packaging, shelf life is 6 months.

Technical Data

Appearance	grey powder
Working temperature (°C)	> 5
Working time (min)	25 - 40
Density, hardened (kg/l)	1.80
Compressive strength (N/mm ²)	15.6
Bending tensile strength (N/mm ²)	4.4
Adhesive strength on concrete (N/mm ²)	2.2
Water penetration depth (mm)	after 1 h: 5.5 after 24h: 20

All data are averages of several tests under laboratory conditions. In practice, climatic variations such as temperature, humidity, and suction of substrate may affect these values.

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 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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