

Cementitious, Mortar to Form a Smooth Surface Finish

- uniform, smooth surface finish over concrete repairs and concrete surfaces
- 1 component
- excellent workability
- environmentally friendly packaging

Properties

VANDEX CRS LEVELLING COMPOUND LC makes it possible to form over concrete repairs and concrete surfaces a uniform, smooth surface finish or substrate suitable for painting. VANDEX CRS LEVELLING COMPOUND LC can also be used for filling blowholes and repairing minor damage on concrete surfaces where no reinforcement corrosion is present.

Surface Preparation

Before applying VANDEX CRS LEVELLING COMPOUND LC onto VANDEX CRS REPAIR MORTAR O5 dampen the surface lightly.

For application onto concrete:

Remove all loose material, dust, oil, dirt, etc. Dampen the surface with clean water. The concrete must be damp and not wet at the time of application.

Mixing

Mechanically mix 25 kg VANDEX CRS LEVELLING COMPOUND LC with 4.5 - 5 litres of clean water (1 kg + 180-200 ml).

Restir briefly after a short standing time. Do not add more water.

Application

Using standard application techniques, apply VANDEX CRS LEVELLING COMPOUND LC onto a damp substrate. Depending on temperature, the pot-life is approximately 30 minutes. Restir repeatedly during use. If mix stiffens do not add more water. Do not use in temperatures below 5 °C.

Curing

Immediately after application the mortar must be protected from rapid drying out due to high temperatures or strong winds, for 2-3 days, with the aid of plastic sheeting or moist burlap.

Consumption

Approx. 1.7 kg/m² VANDEX CRS LEVELLING COMPOUND LC (dry weight) resp. approx. 2 kg/m² VANDEX CRS LEVELLING COMPOUND LC (wet mix) is required to produce a layer of 1 mm thickness.

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

Appearance	grey powder
Colour (hardened)	approx. cement grey
Bulk density	approx. 1.3 kg/l
Density of wet mix	approx. 2 kg/l
Compressive strength	35 N/mm ²
Bending tensile strength	7 N/mm ²
Adhesive strength	1.9 N/mm ²
Modulus of elasticity	20'200 N/mm ²
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 CRS LEVELLING COMPOUND LC 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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