

Application Guidelines

Related Product Information

• Data Sheet & Material Safety Data Sheet:
VANDEX CRS LEVELLING COMPOUND LC

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1. Preparation of Substrate

Substrates to receive VANDEX CRS LEVELLING COMPOUND LC treatment must have a clean and well keyed surface to ensure maximum bonding. Surfaces to be protected should be examined for structural defects, and unacceptable conditions reported and remedied.

Remove all cement laitance, shutter release agent, curing compound, loose particles, etc. by means of light, wet or dry sand-blasting, a high pressure water jet or a wire brush.

Remove all protrusions, cut back to sound concrete, chiselling out any honeycombed or damaged areas.

Fill cavities and blow holes with VANDEX CRS REPAIR MORTAR O5 or VANDEX CRS REPAIR MORTAR HB.

Construction joints and shrinkage cracks exceeding 0.3 mm should be routed out and sealed.

2. Pre-watering

Prior to applying VANDEX CRS LEVELLING COMPOUND LC dampen the surface with clean water. The surface should be damp but not wet.

3. Mixing

Mechanically mix 25 kg of VANDEX CRS LEVELLING COMPOUND LC with 5 - 5.25 litres of water for 3 minutes.

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

4. Climatic Conditions

Do not apply VANDEX CRS LEVELLING COMPOUND LC at temperatures below +5 °C (40 °F) or to a frozen substrate.

5. Layer Thickness

Minimum layer thickness per coat: 1 mm

Maximum layer thickness per coat: 2 mm

For greater thickness, the mortar is applied in successive layers.

6. Application Method

VANDEX CRS LEVELLING COMPOUND LC may be applied using a steel trowel. A scrape coat of VANDEX CRS LEVELLING COMPOUND LC is applied for maximum adhesion to the substrate, working from the bottom up. All cavities and air holes must be filled in this first step of the work, thereby excluding trapped air.

The levelling coat is then applied to the specified thickness.

After the mortar has been screeded the surface can be smoothed with a steel trowel or abraded with a felt, sponge or wooden float.

7. Consumption

Approx. 2.2 kg/m² VANDEX CRS LEVELLING COMPOUND LC (wet mix) is required to produce a layer of 1 mm thickness.

Please refer to the relevant Vandex product specifications for more detailed information.

8. Curing and Protection

Immediately after application the repairs must be protected from rapid drying out caused by high temperatures or strong winds, for 2 - 3 days. Use plastic foil or moist hessian.

The use of curing membranes is not recommended.

9. Painting

All surfaces treated with VANDEX CRS LEVELLING COMPOUND LC, which are to be coated or painted, must be left to cure for at least 4 weeks.

The paint must be water vapour permeable and alkali resistant.

10. 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 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.