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KORROGARD R 0.6 MM

CE SILKO

Product description

Fescon Korrogard R 0.6 mm Overlevelling Plaster is a polymer-modified, fibre-reinforced levelling and protective plaster for concrete structures.

- Silko-approved (24 August 2012)
- Compressive strength around 40 MPa
- Low drying shrinkage
- Suitable for manual or spray application
- Frost-resistant (salt-and-frost resistance)
- Good adhesive properties

Applications

- Levelling, protecting and spackling of concrete surfaces
- For both horizontal and vertical surfaces
- Adding a protective concrete shield
- Finishing of repairs

The product is listed in the portal for building products that can be used in Nordic Swan Ecolabelled buildings.

Instructions

Base

The base must be undamaged, clean, and damp enough to be darker in colour. There must be no cement paste on the surface. If necessary, water sand blast and pressure wash the surfaces. Begin wetting the base on the previous day. The required amount of wetting depends on the weather conditions and, for instance, the strength of the base. Bases with a high strength require more wetting. You must always ensure that there is no standing water on the base when starting rendering.

Mixing

Total water requirement is around 3.6 l/25 kg of dry product. Add the dry material to the water and mix with a power mixer for around one to two minutes allow to stand for five minutes and mix again for a short while. Find the final consistency at this stage by adding water when necessary. However, keep the total amount of water at around 14,4% of the dry product. The finished plaster remains workable for around one hour.

Work instructions

Take particular care during manual application. In machine application, use sufficiently powerful pumping equipment to apply the compound, for example, a plastering pump. If necessary, test to ensure that the equipment is suitable. The recommended layer thickness for a single spraying is 2-4 mm. You can use thicker fills when patching individual cavities. The lowest working temperature is +5 C. Nor should the temperature be allowed to fall below this during aftercare. The aftercare must be

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begun immediately after the plaster has been spread and must continue for at least five days. We recommend plastic covers and a hood. The aftercare is stopped in stages. Naturally, the SILKO guidelines shall also be followed during aftercare.

Waste handling

Storage and handling of waste
See the separate storage and disposal instructions https://www.fescon.fi/en/material-bank

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Technical information

Material usage	approx. 2,0 kg / m^2 / 1 mm layer
Water requirement	approx. 4,0 l / 25 kg
Finished compound	approx. 13-14 l / 25 kg of dry product
Composition	portland cement, natural sand 0,6 mm, polymer and fibre reinforcement
Package size	25 kg
Storage	the product keeps for 12 months from the manufacturing date unopened in a dry location
Workability time	max. approx. 1 h
Compressive strength	7 days approx. 35 MPa 28 days: approx. 40 MPa (EN 12190) strength depends on the amount of water used and the aftercare
Adhesion strength	> 1.5 MPa (EN 1542)
Reaction to fire	A2
Carbonation	4 mm (according to the Silko test programme)
Frost resistance	frost-resistant (EN 13687)