

Hämeenkatu 9  
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## CORRO CONCRETE K 30



### Product description

Fescon Corro Concrete K30 is a cement concrete for casting applications requiring frost resistance and strength-rated concrete. The maximum grain size is either 3.0 mm or 10.0 mm.

- Easy to use
- Frost-resistant
- Good workability characteristics

*Minimum delivery 3 big bags.*

### Applications

- Foundations and foundation bases
- Repair of concrete structures
- Stairs
- Jointing of natural stones
- Floors

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

### Instructions

#### Mixing

Refer to the bag for how much water the concrete requires. Add the dry material to the water and mix with a concrete mixer for around three to five minutes. With a power mixer, around one to three minutes of mixing is sufficient. Let the plaster stand for around five minutes and mix it again for a short while. Find the correct consistency at this stage by gradually adding the rest of the water. We do not recommend adding all of the water right at the start. The finished concrete remains workable for around one hour.

#### Preparations

Mould and reinforcement work is done according to the normal working methods and the instructions of the designers.

#### Casting

Casting work is done according to the normal working methods, the instructions of the designers and official regulations.

#### After treatment

You must care for the fresh casting by spraying with water or by protecting it with a plastic film that prevents excessive evaporation of moisture. The need for aftercare depends on the conditions. It should continue for at least two days.



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### **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

|                                 |   |
|---------------------------------|---|
| <b>Material usage</b>           | 90 kg/m <sup>2</sup> with a 50 mm layer thickness |
| <b>Water requirement</b>        | 2.5-2.9 l/25 kg (3 mm) 2.0-2.4 l/25 kg (10 mm)    |
| <b>Finished compound</b>        | 11 - 12 l / 25 kg bag                             |
| <b>Type</b>                     | powder  |
| <b>Colour</b>                   | gray  |
| <b>Maximum grain size</b>       | 3 mm or 10 mm                                     |
| <b>Package size</b>             | 1000 kg   |
| <b>Storage</b>                  | storage time in a dry location approx. 1 year     |
| <b>Lowest usage temperature</b> | +5°C  |
| <b>Workability time</b>         | 1 h   |
| <b>Strength class</b>           | C 25/30   |
| <b>Reaction to fire</b>         | A1  |
| <b>Exposure class</b>           | XC 2, XF 3 (100 years)                            |