

KUIV BETOON C30

CONCRETE C30

COARSE FRACTION DRY CONCRETE FOR FILLING, LEVELLING AND CASTING WORKS

Compressive strength class **C25/30** EVS-EN 206-1:2014

For pouring levelling layers.
For making and repairing concrete floors.
For pouring small volume concrete structures.
For assembling reinforced concrete elements.
For repairing assembly faults.

Used indoors and outdoors.

COMPOSITION

Silica sand (0-4 mm), Portland cement and plasticisers.

PREPARATION FOR USE

Pour necessary amount of powder into a suitable container or mixer.
Add water in the amount of 12-14% of powder weight. (3-3.5 litres for 25 kg bag)
Stir mechanically or manually until the compound is fully homogenous.
Use the prepared mix within 2 hours after adding water.

TECHNICAL SPECIFICATIONS

Compressive strength class of hardened concrete: **C25/30** EVS-EN 206-1:2007
25 kg of dry concrete makes approx. 12 litres of the ready mix. (0.012 m³)
Concrete hardening in temperature conditions of +20 °C shall develop the following approximate strength values:

| | |
|--------------|--------|
| 48 hours | 15 MPa |
| 7 days | 21 MPa |
| 14 days | 28 MPa |
| 28 days over | 30 MPa |

NB! Lower temperatures slow down hardening speed of concrete.

RECOMMENDATIONS – WARNINGS

Substrate and ambient temperature during the application process shall exceed zero. Avoid freezing of the freshly poured concrete.

Recommend layer thickness at levelling works is 10-50 mm

Drying fresh surfaces shall be protected from rain and direct sunlight exposure. If necessary use water to moisten freshly poured concrete.

The product contains cement. Contact with water causes alkaline reaction. Can cause skin irritation. Upon contact with eyes rinse immediately with plenty of fresh water. For more specific information please refer to the Safety Data Sheet.

STORAGE

Bagged mix powder has to be stored in dry conditions.
Shelf life is 1 year.