

# ***KUIV BETOON C30***

## **CONCRETE C30**

### **COARSE FRACTION DRY CONCRETE FOR FILLING, LEVELLING AND CASTING WORKS**

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

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

25 kg of dry concrete makes approx. 12 litres of the ready mix. (0.012 m<sup>3</sup>)

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.