

# Teknobeton

Normal Setting, C20 / C30 Class Drymix  
Concrete



**Product Description** Cement based, drymix concrete with C20 / C30 strength class, containing specially selected aggregates and additives.

**Areas of Usage**

- Indoors and outdoors under tiles, ceramic, granite ceramic, marble and natural granite.
- It's used in residential and garden areas, on the bases, in the mantle and filling of mold stones, on the garden walls, in the support and the pendants, for filling the gaps in the surface of the elements such as walls, floors, door and window lentils, beams and lentos, storey floors, in the assembly of prefabricated upholstery, in the floor grates, on the stairs, floor slabs, chimneys / installation spaces and many other areas.

**Features and Benefits**

- Ready to use and easy to be applied.
- It provides time and labor savings.
- This factory mix product, thanks to its homogeneous mixture, offers the same and high quality of construction site mix at every point of application compared to concrete prepared by conventional method.

**Application Instructions**

Fresh concrete should be applied immediately after mixing as soon as possible and should be avoided (car, crane, sprinkler, piping etc.) falling from the mixer to the application point. Drop heights exceeding one meter must be avoided. The applied concrete should be pressed or polished according to the consistency. In applications where concrete and existing screed are to be applied, priming of the surface is important to increase the retention.

The recommended operating ambient temperature is between +5°C and +35°C. Moisture should not be applied in high or very hot weather, especially under direct sunlight. Water is added to achieve the desired consistency (the concrete consistency may be between solid and plastic).

The product can also be applied with machine. Consult for application details. The product can be applied outdoors, but it needs to be covered with a waterproofing material that can be used on or around the coating material resistant to outdoor conditions.

**Application Notes / Restrictions**

- For further information, see the Technical Data Sheet and the Material Safety Data Sheet.
- In case of very hot or humid weather, the setting time may vary.
- No additives should be added to any foreign material during preparation into the product.
- The air, material and ground temperature must be above +5°C during application and curing process. Ready-mixed concrete should not be applied on frosted surfaces and / or frost hazard. European norms should be followed during concrete installation (concrete preparation, transportation, compaction during installation, application period, work joints, concrete in cold and hot weather, post-application operations and mold removal).

### Technical Data

General Information	C20	C30
Appearance	Grey	Grey
Shelf Life	12 months in unopened package in dry environment	12 months in unopened package in dry environment
Package	25 kg kraft bag	25 kg kraft bag
<b>Application Information</b>		
Application Temperature	(+5°C) - (+35°C)	(+5°C) - (+35°C)
Mixture Ratio	3 - 4 lt water/25 kg powder	3 - 4 lt water/25 kg powder
Pot Life	1 hour	1 hour
Grain Size	D <sub>max</sub> : 8 m	D <sub>max</sub> : 8 m
Time to Put into Service	1 day	1 day
<b>Performance Information</b>		
Compressive Strength (EN 12808-3)	≥ 20 N/mm <sup>2</sup>	≥ 30 N/mm <sup>2</sup>
Temperature Resistance	(-30°C) - (+80°C)	(-30°C) - (+80°C)
Hazardous Substances (EN 12004)	See the safety data sheet.	See the safety data sheet.
Fire Response	A1	A1

### Consumption Table

	TEKNOBETON Bagged Ready Mixed Concrete	Dry Unit Weight (kg/m <sup>3</sup> )	Powder Consumption for 1 cm Thickness (kg/m <sup>2</sup> )	Mixture Water Amount (liters)
C20	25 kg kraft bag	2000±100	~20	3 - 4
C30	25 kg kraft bag	2080±100	~20	3 - 4

Technical data are approximate values obtained from the laboratory study of Tekno Construction Chemicals for finished products obtained at +20°C air temperature and 50% relative air humidity and valid for its performance after 28 days.