

FIIBERBETOON

FIBRE-CONCRETE

REINFORCED CAST AND LEVELLING CONCRETE

Compressive strength class C30/37 EVS-EN 206-1

Use for interior and exterior application.

Used for levelling various concrete surfaces that need to be highly wear-proof and take heavy loads.

Also for renovating and reinforcing floors and concrete surfaces, and for strain-hardening of fresh concrete.

AREAS OF APPLICATION

- Warehouse and garage floors, driveways, concrete surfaces taking heavy loads, concrete surfaces in severe weather conditions.

COMPOSITION

- Quartz sand, Portland cement, synthetic fibre (25 kg bag contains ca 1 million fibres, each 2 cm long), polymers and plasticisers.

PREPARATIONS

- Pour the necessary amount of mix into the mixing bowl
- Add water 15-20% of mix weight. (3.75-5 litres per 25 kg bag)
- Mix mechanically or by hand until thoroughly wet.
- Let stand for a while and mix again.
- Clean background of loose particles, paint, dirt, etc.
- It is recommended to dampen backgrounds with water or apply adhesion dispersion (NAKKEDISPERSIOON, AS Uninaks).

APPLICATION

- Common working methods are used to apply fibre concrete.
- Avoid rapid loss of water. Dampen if necessary.
- Ready-made mix can be used for 4 hours.

THANKS TO FIBRE CONCRETE:

- Cracking in fibre concrete lessens 60-90% compared to concrete that is not reinforced.
- Impact resistance increases ca 100%.
- Cracking due to shrinkage lessens.
- Workability increases considerably.

STORAGE

- Bagged mortar has to be kept dry.
- Storage time is 1 year.