



EXTERNAL SLAB AND EXTERNAL AREA

The perfect fibres for ground supported external surfaces

Description

For industrially used outdoor surfaces and general outdoor surfaces, the steel reinforcement is partially or completely replaced by synthetic fibres.

For heavily loaded industrial outdoor surfaces, the use of Concrix SuperFloor or Concrix ES is recommended due to the higher performance requirement of the fibre reinforced concrete. Fibrofor High Grade, on the other hand, is suitable for general outdoor surfaces with lower loads, less severe conditions. The use of the fibres has a positive effect on the plastic shrinkage behavior of the concrete, minimizes shrinkage cracks and also improves the abrasion resistance of the concrete surface.

The dosages depend on the conditions of the project. Typically, 1.0 kg/m³ for Fibrofor High Grade and between 2.0 kg/m³ and 5.0 kg/m³ for Concrix SuperFloor and Concrix ES are recommended. A replacement or reduction of steel reinforcement depends on the application and load. A review and creation of a report or recommendation of the required fibre type and dosage can be prepared by Contec Fiber AG upon request.

Advantages and benefits

- Cost reduction through replacement/reduction of steel reinforcement – materials and personnel
- The concrete pump is no longer needed
- Shorter construction time
- No corrosion
- Reduction of the CO₂ footprint
- Lower maintenance costs
- 3-dimensional fibre reinforcement

Products

- Fibrofor High Grade
- Concrix SuperFloor
- Concrix ES



Contec Fiber AG does not have any control over production processes using our fibres and their use. Therefore, Contec Fiber AG declines any liability for the associated end products.

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