



NIRMAN CONCRETE
THE COMPLETE CONCRETE SOLUTION

Fibre Concrete



Freedom from rapid
wear & tear

Fibre Concrete



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Challenges

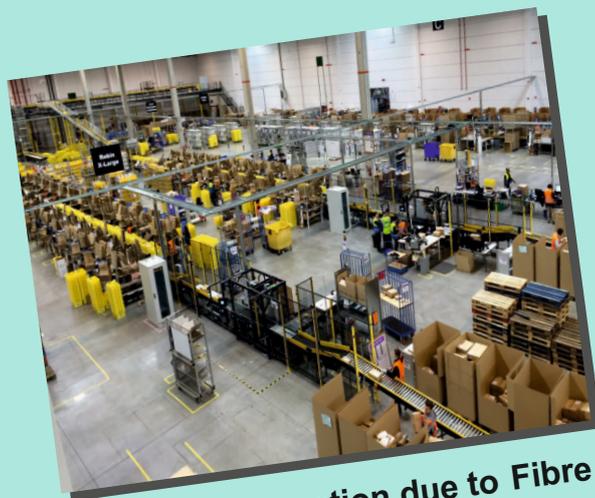


Procuring, cutting, placing and tying rebar.



Conventional concrete prone to cracking.

Solution



Hassle-free construction due to Fibre Concrete



3D Distribution of fibres mitigate cracking.

Key Advantages:

Steel fibres

- Economical solution as no wastage on account of rebar cutting.
- Panel size can be increase from 2 by 2 to 4 by 4.
- Offers excellent abrasion and impact resistance.

Synthetic fibres:

- Reduces changes of shrinkage cracks.
- Increased durability as it improves toughness, flexure, fatigue and abrasion resistance.
- Increased homogeneity and reduced bleeding.

Applications:

- All building terrace slabs to mitigate plastic shrinkage cracking.
- Industrial warehouses, container yards, railway platforms etc.
- Concrete roads, beams, and precast concrete girders which require additional flexural strength.
- Slab on grade: All types of concrete pavements, industrial floors, airport taxiways, hangars, etc.

