

Product Description

Description TM Glass is a glass Synthetic fiber mesh which is introduced in concrete to inhibit the formation of plastic shrinkage cracking,

Uses

- For some flooring application as a hybrid or reinforcement system.
- To increase concrete crack resistance.
- Airports run ways.
- Water Retaining Structures. .
- in structures where no steel reinforcement is needed , but crack resistance is required .
- Repair Materials.
- Road ways and highways.

Advantages

- Reduced plastic settlement and shrinkage cracking.
- Improve cohesiveness in concrete.
- Reduced water and chemical permeability.
- Increased abrasion resistance.
- Increased impact resistance.
- Better impact and fatigue resistance.

Packaging

Packaging is supplied in 900 gm plastic or degradable paper bags.

Properties

Tensile Strength [N/mm²] 500 – 550

Color and form: yellowesh.

Thermal conductivity : Low.

Length: 10/18mm

Absorption - None.

Acid Resistance - good.

Alkali Resistance - good .

Dispensing

TM Glass is added either to the dry components before mixing or to the already mixed paste into the mixer just before starting the pouring operation .In both cases , a few minutes mixing is recommended .

If mixing at the batching plant, fibres should be the first constituent, along with the mixing water. After all the other ingredients have been added, it he concrete should be mixed for a minimum of 70 revolutions at full speed to ensure uniform fibre dispersion.

In the case of site mixing, a minimum of 70 drum revolutions is highly recommended.

Dosage

Recommended Dosage is 600 - 900 gm per M3.
"based on the casted object "

Storage

TM -Glass must be stored on a clean surface, in dry conditions, under cover and away from the possibility of damage.
Avoid direct sun light
keep in cool shaded area .

Precautions

For more info please revert to TM site sheets.

