

## CMB Fiberglass

Short cut fibers for reinforcement of mortar & concrete.

### Description:

- **CMB Fiberglass** a pure fiberglass short cut fibers, which is mixed with concrete or cement mortar to prevent cracks and improve its properties, it is also mixed with resin compounds such as epoxy and polyurethane to give it excellent mechanical properties.

### Fields of Use:

- Industrial floorings, Road construction, Screeds.
- Precast concrete units.
- Repair mortar, Shotcrete.
- Render & plaster mortar.

### Advantages:

- disperses multidimensional in concrete and thus prevent shrinkage cracks in the green stage.
- Improve water impermeability and thus prevent corrosion of reinforcement.
- Environmental compatibility and no risk to health.
- More homogeneous and less rebound in shotcrete mixes.
- Prevent crazing and improve workability in render, plaster and repair mortar.
- inexpensive.

### Technical Data :( at 25° C)

TYPE	Diameter	Length
E	13 $\mu \pm 10\%$	12 -16 mm

### Rate of Use:

- Screeds and industrial floors 0.9 kg/m<sup>3</sup>
- Plasters, renders and mortars 0.6 - 0.9 kg/m<sup>3</sup>
- Precast units 0.9 - 2.7 kg/m<sup>3</sup>
- Shotcrete 2.7 kg/m<sup>3</sup>

### Directions for Use:

- Add the required quantity of CMB Fiberglass in the mixer with other constituents.
- In case of ready mixed concrete CMB Fiberglass can be added both at mixing station or at building site, a mixing time equal 1 minute/m<sup>3</sup> should be observed.
- In the case of resin mixtures, the two components of the material are mixed mechanically for 3 minutes, then fibers are gradually added with continuous mixing until homogeneity.

### Safety Precautions:

- Wear gloves, overalls and goggles during handling and application.
- Wash hands with soap and water after use.
- If the material is splashed into the eyes, these should be immediately washed with water and then report to an eye specialist.
- Do not eat or smoke during application.

### Storage / Shelf life:

- Unlimited under suitable storage conditions.

### Packages:

- Bags 900 grams, 20 kg.

**DISCLAIMER:** The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience, however, as the product can be used under conditions beyond our control, we can only guarantee the quality of the product itself. We also reserve the right to change the given data without notice. Minor product variations may be implemented in order to comply with local requirements.