SATECMA
INDUSTRIAS QUÍMICAS

PRODUCT No: 1.454

SATECMA-FIBERS
LOW COST CRACK REDUCTION

DESCRIPTION
SATECMA-FIBERS are fibres which have been manufactured with polypropylene virgin 100%, 31 mm long. They're easily dispersed and are recommended for using in cement masses in order to reduce cracks due to plastic shrinkage.

CHARACTERISTICS
- Low weight, easy to apply
- Higher chemical resistance than steel (acids, alkalis, salts, etc.)
- Resistant to the alkalis in the cement
- They get not oxidized. They don't get rotten. They do not absorb water.
- Tridimensional action mechanism.
- Reduction in crack forming with a very low cost.
- No agglomeration in the mixture.
- Suitable for mixture systems both dry and wet.

METHOD OF USE
The recommended dose for mortars (with 0-5 mm aggregates) varies between 0,600 kg and 1,200 kg per ton of dry mixture. The recommended dose for concrete starts from 0,600 kg per cubic meter until 1,200 kg. **SATECMA-FIBERS** can be added in a very simple way, using any mechanical process such as concrete facilities, concrete mixers, pumping machines and shotcrete units. After adding the fibres, an extra period of 5 minutes of quick mixing will be enough to get a suitable, homogenous and complete distribution.

SPECIAL RECOMMENDATIONS
This product can not replace any structure or reinforcement mesh.

USES
Reduction of cracking due to plastic shrinkage in cement masses.

ADVANTAGES
- Reduction of plastic shrinkage cracking
- Reduces water permeability and absorption
- Reduces water exudates in cement masses
- Improves impact resistance
- Increases durability of concrete structures
- Gets a better aesthetical appearance
- Homogenous distribution of fibres
- Allows a lower addition of water to masses, since an excess could cause segregations

PACKAGING
In 0,600 kg **hydrosoluble bags**
The fibres should be kept on a clean and dry surface, under cover.

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