

YASH PLAST PPF



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High performance fibrillated polypropylene fibers.

Description

Yash Plast PPF is a micro reinforcement, manufactured of 100% polypropylene fibers containing no reprocessed olefin materials designed for use with all cementitious mixes. The inclusion of Yash Plast PPF with in a concrete mix or cementitious mixes will control shrinkage cracks and will act as an alternative to traditional crack control steel mesh.

Applications

Yash Plast PPF is ideally designed for use in the following applications:

- + Slab on grade.
- + Stamped concrete.
- + Pre-cast concrete.
- + Water tanks.
- + Pavements.
- + Shotcrete.
- + Renders.
- + Composite decks.

Advantages

- + Controls and inhabits crack formation in concrete.
- + Cost effective, replaces secondary reinforcements (welded steel mesh).
- + Reduce plastic shrinkage and settlement cracking.
- + Available in variable lengths, 19 and 12 mm for concrete and stamped concrete. 3 and 6 mm for plasters and mortars.
- + Compatible with all types of cement and concrete admixtures.
- + Rust free.

Standards

Yash Plast PPF complies with the requirements of ASTM C-1116-1997, Type 3.

Method of Use

Mixing

Yash Plast PPF is added to the mixer before, during or after batching of concrete. Mixing speed and time should be as per ASTM C-94.

Technical Properties:

Composition	: Polypropylene
Appearance	: Fibrillated mini bundle
Specific gravity	: 0.90 kg/ltr
Tensile strength	: 650 - 690 MPa
Young's modulus	: 3.8 - 4.2 GPa
Melting point	: 160°C
Ignition point	: 580°C
Chloride content	: Nil
Sulphate content	: Nil
Alkali content	: Nil

Packaging

6 mm, 10mm & 12 mm fiber length : 125 g/bag.

Dosage

125 g/50 kg of cement.

Storage

Store under cover away from heat sources.

Cautions

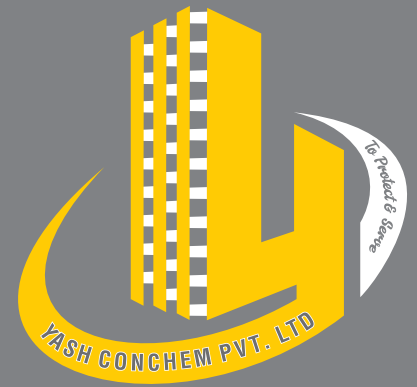
Health and Safety

There are no health hazards associated with Yash Plast PPF in normal use.

Fire

Yash Plast PPF is combustible and will burn if exposed to flame or other sources of ignition.

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More from YASH CONCHEM Products

A wide range of construction chemical products are manufactured by YASH which include:

- Concrete admixtures.
- Surface treatments
- Grouts and anchors.
- Concrete repair.
- Flooring systems.
- Protective coatings.
- Sealants.
- Waterproofing.
- Adhesives.
- Tile adhesives and grouts.
- Building products.
- Structural strengthening.

Note : We endeavor to ensure that any advice, recommendation or information we may give in product literature is accurate and correct. However, due to the fact that we have no direct or continuous control over where or how the products are applied, Yash cannot accept any liability either directly or indirectly arising from the use of Yash products, whether or not in accordance with any advice, specification, recommendation or information given by us.