VITCON 900 PSF
Polypropylene Synthetic Fibre

DESCRIPTION

VITCON 900 PSF is a monofilament polypropylene synthetic fibre with special chemical treatment to ensure uniform dispersion in cement/concrete/mortar (plaster) that complies with ASTM C 1116, European standard specification for fibre reinforced concrete and shotcrete.

TECHNICAL DATA

Absorption	Nil
Salt Resistance	High
Acid Resistance	High
Alkali Resistance	Full

AREA OF APPLICATIONS

- Roof slabs, floor slabs, toilet floor slabs, bathrooms, utility areas & kitchens
- Internal and external plaster
- Basement waterproofing
- Shotcrete & gunite
- Industrial and warehouse flooring
- Deep lift walls
- Rafts
- Overlays toppings
- Concrete tanks & roads

ADVANTAGES

- Reinforcement against shrinkage and intrinsic cracking
- Control and mitigates plastic shrinkage cracking in concrete
- Reduces permeability of plaster, thus protects interior paints
- Decreases risk of plastic settlement cracking over re-bar
- Reduces need to water proof plaster, pressure grouting
- Increases surface durability, impact and abrasion resistance
- Makes hardened concrete more tough
- Improves speed and finishing of plasters
- Reduces site labour requirement
- Reduces project costs

MIXING PROCESS

- Add VITCON 900 PSF to concrete and mix for 3 – 5 minutes to provide uniform distribution
- For broomed surfaces, broom one in one direction only

DOSAGE

Normally for Plaster 100 g/50 kg bag of cement and for concrete, 0.9 – 1.8 kg/m^3 of concrete or at 125 g/50 kg bag of cement for most applications.

HEALTH & SAFETY

Contact with concrete may cause irritation, dermatitis or severe alkali burns. There is serious risk of damage to the eyes. Wear suitable waterproof protective clothing, gloves and eye/face protection. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. After contact with skin, wash immediately with plenty of clean water.

STORAGE

Must be stored in original packing at ambient temperature, dry place under shed.