

## ConAd PP Fiber

Monofilament Polypropylene Fibers  
for improved concrete & Mortars  
Performance

### DESCRIPTION

**ConAd PP Fiber** have been developed for optimum performance in wide range of construction applications.

It's use in concrete and plasters prevent crack formation and enhance the plastic and/ or hardened properties of concrete. By introducing millions of fibers into the concrete mix, **ConAd PP Fiber** give concrete a multi-dimensional secondary re-enforcement that enhances concrete performance.

### USES:

- Concrete road pavements
- Airport runway
- Infra structures
- Tunnel lining
- Canal lining
- Concrete bunkers
- Industrial warehouse flooring
- Steel free concrete flooring
- Sprayed concrete/ Shotcrete
- Segment lining
- Water Tanks
- Swimming pools
- Precast products
- Screeds
- Stucco Products
- Concrete Structural Repair Mortars
- Plasters with fire protection

### FEATURES & BENEFITS:

- Excellent dispersion providing three dimensional reinforcement
- Increases concrete cohesiveness
- Easy to mix in concrete and cementitious mortars
- Non-corrosive, non-toxic, rust proof, inert material.
- Monofilament for architectural smooth finish.
- Inhibits plastic settlement cracking
- Lowers water migration in concrete
- Resists impact and shatter forces
- Increases abrasion resistance
- Increases freeze/thaw durability
- Provides lasting reinforcement
- Provides significant improvement in fire protection.

### TECHNICAL SPECS:

Material	Polymerized - Olefin
Color	White
Density	0.910/ g/ml
Fiber diameter	18 micron
Fiber length	12 mm
Melting Point	160 <sup>0</sup> to 170 <sup>0</sup> C
Tensile Strength	Minimum 350 Mpa
Chemicals Resistance	Excellent, especially in alkaline conditions

### DOSAGE:

Crack Control : 600-900 g/m<sup>3</sup>  
Fire Resistance : 1-3 Kg. m<sup>3</sup>

**PACKAGING:**

**ConAd PP Fiber** is supplied in:

300 Grams Pack

20 Kgs. Bulk Pack

**DIRECTIONS FOR USE:**

**ConAd PP Fiber** is directly added in the concrete and mortar mixes assuring uniformity of distribution for optimum results.

**COMPTIBILITY:**

**ConAd PP Fiber** is compatible with all concrete admixtures.

**HANDLING & STORAGE:**

**ConAd PP Fiber** has a shelf life of 12 months if kept in a dry cool place in the original packing.

**HEALTH & SAFETY PRECAUTIONS**

During use avoid contact with skin and eyes. Suitable gloves, eye protection must be used. In case of contact with skin or eyes, it shall be immediately washed with fresh water.

**Important Note:**

**RADIANT Construction Technologies** manufactures wide range of construction chemicals, including admixtures, concrete repairing mortars, curing compounds, adhesives, concrete protection coatings, waterproof coatings, grouts & Tile Bond.

Separate Technical Data Sheets are available for these products.

---

**RADIANT Construction Technologies LLP**

**Corporate Office:**

104-A Muhafiz Town, Multan Road, Lahore

Tel: 042-35457688-9

E: [info@radiantchemicals.com.pk](mailto:info@radiantchemicals.com.pk)

Web: [www.radiantchemicals.com.pk](http://www.radiantchemicals.com.pk)

**Faisalabad Office:**

82-B Commercial Centre, Millat Chowk, Faisalabad

Tel: 041-8580233

E: [sales@radiantchemicals.com.pk](mailto:sales@radiantchemicals.com.pk)