

Concrete Admixtures, Adhesives & Aids

EDECON FIBRAD FIBERS (Type FP, N, P and Paver)

DESCRIPTION

Edecon Fibrad Fibers is a fiber reinforcement material for concrete. It is composed of 100% pure fibers that are uniform and multi-dimensional when mixed into concrete, providing secondary reinforcement for concrete or mortar. **Edecon Fibrad Fibers** aids in achieving optimum strength and durability as well as eliminating 60% to 100% of plastic shrinkage in concrete. **Edecon Fibrad Fibers** is designed specifically for use in concrete and concrete products. There are four (4) kinds of **Edecon Fibrad Fibers**.

Edecon Fibrad Fibers-FB: Fibrillated Polypropylene

Edecon Fibrad Fibers-N: Nylon

Edecon Fibrad Fibers-P: Polyester

Edecon Fibrad Fibers-Paver: Polyester high density

USES

Roofs	Precast Concrete
Tanks	Tiles on Slope
Offices	Parking Lots
Bridges	Sidewalks
Pools	Industrial Floors
Tunnels	Cellular Concrete
Patios	Pumped Concrete
Ramps	Patching & Repairs

...and many others

ADVANTAGES

- Controls surface fissures
- Reduces permeability
- Resistant to impact stress
- Economical to use
- Secondary, multi-dimensional reinforcement

TECHNICAL INFORMATION

Edecon Fibrad Fibers controls the formation of fissures due to plastic shrinkage. They increase flexural strength while the mix is still in its plastic state. This eliminates the formation of wider cracks, which normally form during the time of plastic shrinkage. The fibers are distributed evenly, creating a matrix. Under direct or flexural stresses, the fibers help transform a sudden brittle rupture, into a ductile slow rupture. The absence of these wider fissures in the tension zone of concrete reinforced with fibers enhances its resistance to rupture. All of this enhances the elasticity module of the end product.

PHYSICAL CHARACTERISTICS

All of **Edecon Fibrad Fibers** are available in the following sizes: 3/16 in (4.76 mm), 1/2 in (12.7 mm), 3/4 in (19.05 mm).

APPLICATION

It can be added to the concrete at the plant during the batching process or in the field. Always mix for four (4) to five (5) additional minutes to ensure even distribution.

We recommend adding **Edecon Fibrad Fibers** at the plant to avoid loss of slump and other problems brought on by excessive mixing.

DOSAGE

Edecon Fibrad Fibers is generally used at the rate of 1 lb. per cubic yard of concrete (0.5 kg per cubic meter).

PACKAGING

All of our products are available in the following delivery container sizes:

- Sample Jug – 19 liter / ≈ 5 US gallon
- Sample Mini-drum – 57 liter / ≈ 15 gallon
- Drum/Barrel – 200 liter / ≈ 53 gallon volume in a 55 US gallon drum
- Transport Tote – 1,000 liter / ≈ 263 US gallon
- Various Sized Tankers – available for bulk volumes

WARRANTY: The information herein is to assist customers in determining whether our products are suitable for their applications. Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, express or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental or consequential damages

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