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χρόνια

σεβασμό στον μάστορα

δομικά υλικά

construction materials

Technical Specifications

Date: 23/10/2014

Edition: 2η

Atlplus+ fiber flex

Fiber-Reinforced Construction Resin & Mortar Elastifier



Description

Atlplus Fiber Flex is an acrylic construction resin additive, reinforced with polypropylene fibers. These fibers play a catalytic role in mortar mixtures, creating an elastic and highly compact resistance grid. It provides the following benefits to mortars:

- Improved workability
- Reduced water/cement ratio
- Increased mechanical strength (abrasion, impact, compression, elasticity, etc.)
- Enhanced adhesion for bonding surfaces or joining old and new concrete
- Waterproofing
- Formation of an anti-evaporation membrane
- Surface protection against wear and reinforcement corrosion
- Improved adhesion to exposed concrete

Application Fields – Usage Instructions

The required Atlplus Fiber Flex quantity depends on the desired quality and technical specifications of each application. It is typically used in the following mix ratios (Atlplus Fiber Flex: Water):

- Bonding and rough coats for old and new concrete or mortar: 1:1
- Abrasion-resistant floor screeds and repair mortars: 1:2 – 1:4
- Waterproof cement screeds with hydrostatic pressure resistance: 1:1 – 1:3
- Chemical-resistant concrete and cement mortars: 2:1
- High-density and waterproof plasters: 1:4 – 1:5

For additional applications, refer to the technical datasheet.

Technical Characteristics

Form: Off-white Liquid

Specific Gravity: 1,04±0.01

Viscosity: 110±10 KU



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Storage

At least 18 months from the production date, if stored in airtight containers in dry, covered areas, protected from moisture and frost.

Packaging

20 kg.

10 kg.

5 kg.

1 kg.

Safety Instructions

Read the label before use. For detailed safety guidelines, consult the Safety Data Sheet.

Poison Control Center Phone Number: +30 210 77 93 777