

Readymesh PW-120

12mm fibrillated polypropylene micro-fibre for screeds and concrete



Readymesh PW-120 is an auxiliary fibrillated polypropylene micro-fibre, with a length of 12 mm, suitable for adding concrete in general. The addition of Readymesh PW-120 to the mixture allows for preventing the phenomenon of cracking from plastic shrinkage of the concrete, as well as having positive effects as regards the ductility of the mixture, the resistance to freezing/thawing, the shock resistance and overall watertightness.

CUSTOMS CODE: 5503 4000

COMPONENTS: Single-component

APPEARANCE: Fibers

AVAILABLE COLORS: White

PACKAGING AND DIMENSIONS: Hydro degradable bag 1 kg - Box: 18 x (Hydro degradable bag 1 kg) - Pallet: 30 x (Box 18 Kg)

FIELDS OF APPLICATION

Subbase screeds (even with radiant systems), small thickness small prefabrication casts, concrete floors, ballasts in cement mix and concrete structures in general, even in combination with traditional metal reinforcement.

ALLOWED SUPPORTS

Plasters - Concrete - Cement-based or lime-based mortars

MODE OF USE

Add the fibres to the concrete during mixing, after you have added the aggregates provided to the mixer. Adding the fibres before adding the aggregates may cause incorrect dispersal of fibres in the matrix. The dosage, depending on use, is normally between 0.6 and 1.2 kg per cubic metre of concrete. In the case of subbase screeds in sand/cement, the recommended dosage is about 750 g per cubic metre.

APPLICATION METHODS

To be added to other components

KEY FEATURES



Density: 0.91 g/cm³



Unlimited shelf-life

↔ Length: 12 mm



UV-resistant



TECHNICAL SPECIFICATIONS

Breaking load longitudinal **190 - 325 MPa**

Number of filaments **> 120'000'000 nr/kg**

Softening point **150 °C**

Non-toxic material

Flash-point **160 °C**

Static elastic modulus **2206 - 2953 MPa**

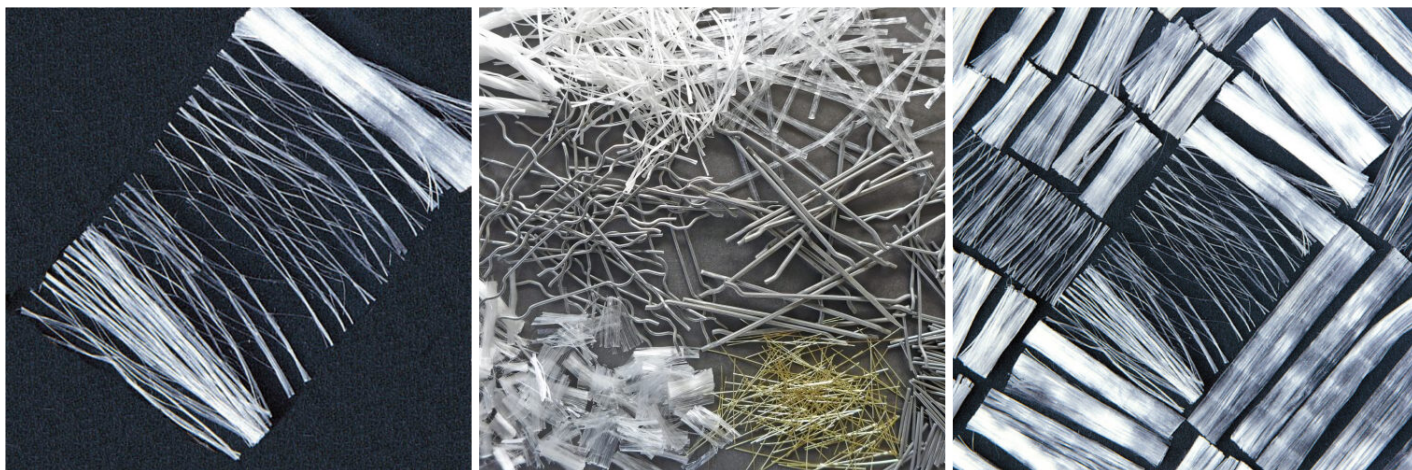
CONSUMPTION

Variable according to the type of work to be carried out (screeds, plasters, mortars), on average from 0.6 to 1.5 kg per cubic metre of cement or hydraulic lime based conglomerate.

STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Protect from humidity.

PHOTO GALLERY



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