

## Technical Datasheet

### RW

#### GENERAL DESCRIPTION

RW monofilament fiber is made of 100% virgin polypropylene and it is used as an additive for concrete reinforcement to prevent the formation of plastic shrinkage micro-cracks and to increase the long-term durability.

RW is non-corrosive, non-magnetic, chemically inert and 100% alkali resistant.



#### APPLICATIONS

RW fibers are used in any type of application, such as:

- Civil and industrial buildings
- Shotcrete
- Stamped concrete
- Floors
- Mortar
- Walkways
- Grout and Plaster
- Tiles
- Decorative concrete
- Parkings
- Tunnels
- Precast products

#### PHYSICAL PROPERTIES

Material	Virgin homopolymer/polypropylene
Color	White
Shape	Monofilament
Acid/ Alkali resistance	100%
Specific Gravity	0.91
Absorption	Null
Tenacity	48,15 cN/tex
Length	3 mm/6 mm/12 mm/18 mm

#### HOW TO USE

The recommended RW dosage is 0.6 kg/m<sup>3</sup> of concrete and it could be increased depending on the project details. Mixing and homogenization can be achieved either at the concrete station or directly in the truck mixer in 7 minutes at medium speed. Changes in the concrete recipe are not required. For higher dosages, plasticizer additives may be used.

#### COMPLIANCE

ISO	9001:2015
ISO	14001:2015
ISO	45001:2018
ISO	27001:2018

#### PACKAGING

Bags	0.6 Kg
Boxes	30 Bags
Pallets	max. 24 Boxes
On demand	Big Bags, Boxes, etc.