



la marque  
du bâtiment

# DORTHZ FIBRE MONO

Marquage



## MONOFILAMENT REINFORCEMENT FIBRES FOR CONCRETE AND MORTAR

Compliant with requirements EN 934-2 & NF EN 14889-2

### 1. PRESENTATION

**DORTHZ FIBRE MONO** comes in the form of 12 mm white polypropylene fibres packaged in pre-measured pouches to facilitate its dosage and use.

**DORTHZ FIBRE MONO** is designed to replace anti-crack lattices, and to reinforce concretes, mortars and coatings.

### 2. ADVANTAGES

- **Increases the mechanical strength of concretes and coatings.**
- Eliminates the risk of crazing and reduces the risk of creep.
- Allows for a greater load when straightening walls.
- Reduces permeability and improves resistance to freeze/thaw cycles.
- Very economical.
- Excessively long mixing does not result in the formation of agglomerates.
- Effective throughout the mass thanks to a homogeneous dispersion.
- Non-corrosive and insensitive to minerals chemicals and acids.
- Eliminates the need for anti-crack lattices.
- Improves the finish of prefabricated elements.



### 3. AREAS OF APPLICATION

**Execution of concrete and mortar for works such as:**

- Paving concrete, steep gradient concrete: paving of residential premises, terrace, tennis court, footpath, etc.
  - Precast concrete: pipes, paving, slab, curb, manhole, etc.
  - Coating: rough-in coating, rendering, straightening of old walls, sprayed coating, roughcast.-
- Repair mortar: fillet, corner profile, ridge, etc.

### 4. INSTRUCTIONS

The fibres are placed in the mixer at the same time as the aggregates (sand + cement) before wetting. Mix dry for 1 to 2 minutes.

Add water and continue mixing for 1 to 2 min.

In order to improve the workability and homogeneity of the batch, we recommend adding:

- In the concrete mixer, one dose of **EURO FLUID** or **DORTHZ FLUID** per bag of cement.
- In the revolving drum: **TOUPIPLAST**.

#### Application:

**Application conditions** : Compliant with standards EN 934-2 and NFP 18.103

**Dosage** : 70 g for 1 bag of cement 35 kg  
900 g for 1m<sup>3</sup> of concrete or mortar

#### EURO DORTHZ PRODUCTION

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This fibre is available in 3 packaging forms:

- Bag of 70 g (code 163).
- Bag of 900 g (code 162).
- Bag of 20 kg (code 161), supplied with a measuring cup.

### 5. CHARACTERISTICS

Appearance	: White fibre
Material	: Polypropylene
Dimension	: 12 mm
Shelf life	: 2 years in its unopened original packaging

### 6. SAFETY OF USE

- **DORTHZ FIBRE MONO** can in no way replace metal reinforcements.
- When replacing coating mesh screens, do not forget the anchoring points every 40 cm with stainless steel nails.

*The details provided in this Data Sheet are given in good faith, for information purposes only. They shall not in any case constitute a guarantee on our part, or engage our responsibility when using our products. This Data Sheet supersedes all previous versions. Compagnie France Chimie reserves the right to make changes to its products and to this data sheet without prior notice. Our clients shall ensure, before any implementation, that these instructions have not been replaced by a more recent version that takes into account new technical data.*

**Product solely intended for professional use.**

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