

# ANTI-CRACK FIBRE FOR CONCRETE AND MORTAR

## ARMAFIBRE

### PROPERTIES

**ARMAFIBRE** is a twisted post-treated fibre especially designed for use in concrete mixers. **ARMAFIBRE** is the only existing fibre with a treatment that allows a **perfect blending** with concrete or mortar and therefore a better distribution throughout the layer of concrete.

Such treatment prevents fibres from aggregating and clogging.

**ARMAFIBRE** is also less likely to resurface than classical fibres.

Mortars and concrete benefit from **extra flexibility** due to **ARMAFIBRE** high fibre content (**20 million** per sack of cement).

**Resistance to compression, tension and deflection will be improved by 5 to 10%.**

In coatings : **ARMAFIBRE** is particularly efficient for renderings and construction joint reinforcements. **ARMAFIBRE** doesn't require the use of **plastic reinforcement** or **meshing**. Besides, the presence of **millions of fibres** reinforces the **watertight properties** of the product.

In screeds : **ARMAFIBRE** can be used in all **sealing mortars** before **tiling or flooring for glued floor coverings (DTU 52.1\*** for glued floorings). **ARMAFIBRE** has an **outstanding ability** to **prevent** shrinking and cracking in added-on or on ageing screeds laid onto concrete slabs..

**ARMAFIBRE** is **highly efficient** even for **thin** screeds.

### In concrete : **ARMAFIBRE**

- allows the **suppression of cracks** due to shrinking.
- **enhances** abrasion and wearing **resistance**.
- improves **resistance to impact and crushing**.
- **improves density**.
- **reduces** concrete **permeability** and **porosity**.
- **increases resistance** to spalling.
- enhances thermal shock **resistance**.
- improves **resistance** to chemical, alkali and salt attacks.
- offers better **weathering resistance** (freeze/thaw cycle).

For further information refer to data sheet:

- norme NF standard P 61-202-1 (Dec 03)\*

°°° according to technical advice

### INSTRUCTIONS FOR USE

It is essential to dry mix **ARMAFIBRE** with part of the aggregates (sand, gravel, cement) for **2 minutes**. Then add water and the remaining aggregates. Use of plasticizer is recommended.

**Usual dose is one dose or measure** (supplied with the product) **per sack of cement**.

Dose can be doubled in severe cases without altering concrete or mortar quality.

*Fiche de Sécurité sur Minitel au 08 36 05 10 12.*

**Cette fiche technique annule et remplace toutes les précédentes concernant ce produit. (Juin 2002)**

Les informations contenues dans la présente notice sont l'expression de nos connaissances et des résultats d'essais effectués dans un souci constant d'objectivité. Elles ne peuvent cependant en aucun cas être considérées comme apportant une garantie ni comme engageant notre responsabilité en cas d'application défectueuse, puisque la manipulation et la mise en œuvre de notre produit échappe à notre contrôle. Il appartient à l'utilisateur de s'assurer par des essais préalables que le produit convient parfaitement à l'usage auquel il le destine. Notre garantie ne saurait excéder le remplacement d'un produit reconnu défectueux dans un délai d'une année après sa livraison

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