PaviCret

TECHNICAL DATA

REFORDUR V36 AR

Alkali resistant fiberglass

Concrete reinforcement to increase its strength and reduce cracking

Description

REFORDUR-V36 AR are "high-performance" glass macrofibers resistant to alkalis and designed for reinforcement against cracking by plastic, thermal and drying shrinkage. It increases ductility and flexural strength, and gives concrete solidity, as well as resistance to impact and fatigue.
REFORDUR V36 AR is a high-performance fibre in the entire concrete mass. Control and prevention of cracking in fresh and hardened concrete and mortars.
Plastic shrinkage cracking, drying shrinkage and thermal cracking, service cracking in concrete subjected to loads.

Uses

As a complement to concrete, the following characteristics improve:

- Crack resistance
- Flexural Strength
- Impact resistance
- Fast and uniform dispersion during mixing

Its application is particularly suitable in:

- Concrete slabs (slabs, slabs, etc.)
- Concrete pavements
- Concrete and mortar spraying
- Façade cladding (plaster)
- Prefabricated elements

Presentation and storage

5kg plastic bags.
Approximately 12 months in optimal temperature and humidity conditions. Pallets don't have to be stacked on top of each other.

Performance

Its yield is 3-6 kg/m3

Request load calculation if necessary.

REFORDUR V36 AR

Application

Limitations

Those of the concrete or mortar to which it is mixed.
The construction element does not replace the calculation reinforcements.
It does not prevent cracks from poor sizing or shrinkage due to drying.

Mixing

It is added directly to the concrete mixer once all the concrete components have been incorporated. Under no circumstances mix with the concrete water directly.
Increase the final kneading time by about 5 minutes, to allow the bag to melt inside by reacting with the alkaline components of the concrete.

Tool Cleaning

Tools and tools are easily cleaned with water before the paste has hardened. Cured or hardened product can only be removed by mechanical means.

Safety and hygiene instructions

For any information regarding safety issues in the use, handling, storage, and disposal of chemical residues, users should refer to the most recent version of the Product Safety Data Sheet. The disposal of the product and its packaging must be carried out in accordance with current legislation and is the responsibility of the final consumer of the product.

Product identification and application data	
Specific Gravity	2'40
Chemical Resistance	Inert to cement alkalis and acidic acids. two overall
Length	36 mm
Tensile strength	1.7 GPA
Slenderness	67
% Zirconium	>17.4%
Modulus of elasticity	80.4 GPA

Technical note

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The results and values indicated in this technical data sheet have been tested in accredited laboratories. The actual measurements of the devices may be subject to minor variations depending on the calibration of the devices and other circumstances that are not dependent on the company.

Legal Notice

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is responsible for the use of the product that the customer may make. It is up to the customer to verify the suitability and suitability of the product for the desired application and purpose. Especially, the customer should check the Product compatibility in the event that you intend to use it by mixing it or causing an interaction with other products. Likewise, PAVICRET SL cannot assume any responsibility in the event of incorrect or reckless use of the product by the customer. Customers assume the obligation to know the technical data sheet of our products, as well as to make proper use of it.