

# aplicaTec Armaduras

Anticorrosive active coating protector of reinforcements.



**GlobalEPD**  
A VERIFIED ENVIRONMENTAL DECLARATION

-  Excellent adhesion on steel and concrete
-  Barrier effect against water
-  Good mechanical properties
-  Resistant to ice and chlorides
-  It does not affect the anchorage of the coated steel
-  Easy to apply

## DESCRIPTION

One-component cement-based coating, corrosion inhibitor additives to protect the steel, synthetic resins and silica fume.





## APPLICATIONS

Preventive reinforcements protection layer. Protection of reinforcements against corrosion in concrete repair works.

## SURFACES

The reinforcements must be cleaned using a metal bristle brush or by sandblasting. If the reinforcement in the area to be repaired is completely rusted, expand the repair area until you discover the reinforcement in good condition.

## HOW TO USE

1.  Mixing will be done using a low-rev electric mixer until a completely homogeneous mass is achieved.
2.  The consistency should be slightly liquid in such a way that it can be applied by a stiff-haired brush.
3.  Apply a layer one millimeter thick on the clean reinforcement and wait 5 hours before applying a second layer another millimeter thick. Wait 5 hours before applying the repair mortar.
4.  The mortar can be projected by wet method.

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## PRECAUTIONS AND RECOMMENDATIONS

- Do not apply the product at temperatures below 5°C or above 35°C.
- Do not apply with forecast of rain or frost.
- This product is ready to mix with water, do not add any kind of additive that could alter its properties.
- As it is a cementitious product, the use of rubber gloves is recommended.
- The tools and supplies will be cleaned with water immediately after use, if the product hardens they can only be eliminated by mechanical means.
- Conservation: 12 months from the date of manufacture of the product in adequate conditions of temperature and humidity.

## PACKAGING

aplicaTec Armaduras is presented in 25 kg paper bags and 5 kg plastic bags.

## TECHNICAL CHARACTERISTICS

FEATURES	VALUES
Mixing water	20-22 % (1,2lx bag)
Colour	Light gray
Applicable thicknesses	min 2 mm (in two layers)
28D compressive strengt	60 N/mm <sup>2</sup>
Flexural strength 28D	12 N/mm <sup>2</sup>
Adhesion determination	>2 N/mm <sup>2</sup>
Modulus of elasticity	20.000 N/mm <sup>2</sup>
Consumption (two layers of 1 mm each)	2,3 Kg/m <sup>2</sup>
Paste life *	90-120 minutes

\*This time may vary depending on environmental conditions.

## aplicaTec® SYSTEM STRUCTURE

**aplicaTec Armaduras** is part of a repair system that includes:

- **aplicaTec Armaduras:** Anti-corrosion primer
- **aplicaTec Reparación R4 PCC / aplicaTec Reparación Fluido R4 PCC:** Mortars for structural repair
- **aplicaTec Reparación Fino R3 PCC / aplicaTec Cosmético Claro R2 PCC:** Leveling mortars and pore sealer

## NOTE

The recommendations for use are based on our knowledge and experience. The technical data have been obtained under normal laboratory conditions, and may vary depending on the conditions of use. Since the application conditions are not controllable on our part, the information on this sheet does not imply responsibility of the company.