

Adirepar Passivator

Predosed cement base mortar with passive corrosion additives, quick curing and improved with synthetic polymers. It is used to protect the reinforcement of concrete against corrosion because it establishes a basic pH in the environment in which it is applied and as a bridge of adherence before the application of repair mortars. It also serves as an adhesion bridge between the armor and the applied repair mortar.

Composition

Composed of crushed marble aggregates used in construction (EN 12620 and EN 13139), portland cement (EN 197-1 and UNE 80601) and organic and inorganic additives that give it better adhesion, fluidity and thixotropic power characteristics.

Application

Mortar with corrosion inhibiting additives used for the protection of all types of reinforced concrete structures both curative and preventive in applications in aggressive environments (freeze-drying-defrost cycles, contaminated environments) extending the life of the reinforcement. It is used in carbonated concrete with corroded or chloride-contaminated steel, pillars, beams and building slabs. Suitable for marine works, wastewater treatment plants.

Instructions for use

- Preparation of the substrate:
 - The formwork substrate must be completely fixed, strong, consistent, dry, free of dust, paint, oil, etc. and any trace of demoulding agent.
 - The reinforcement has to be clean, free of oxide and possible residues of formigó.
 - The reinforcement must be cleaned over its entire surface by scraping it with a scraper or sandpaper.
 - Vacuum the dust resulting from the cleaning of the formwork and the reinforcement.
- Preparation of the slurry: Add 5.6-6 liters of water per slab and sweep it with an electric mixer at low speed until obtaining a homogeneous paste without lumps. Let the dough rest for two minutes and stir it to obtain a fluid paste texture.
- Apply by hand a first layer of ADIREPAR PASIVADOR of approximately 1 mm with a pencil or tweezers. Allow to dry for 3-4 hours (dry to the touch) and apply a second coat of the same grout to obtain the most homogeneous coverage possible of the reinforcement.

Recommendations for use

- The application temperature must be between 5 °C and 35 °C in the air and between 5 °C and 25 °C in the substrate.
- Do not apply if frosts or direct sunlight are expected.
- Shake periodically to extend the useful life of the mass to its optimum.
- In case of rain, do not apply the product to the exposed areas.
- In case of loss of fluidity and texture that makes the application difficult, add 1% per water mass and paste again.

Technical data

Product	Aspect	Fine dust		Classification according to the norm EN 1504-7:2006
	Color	Gray		
	Dust Density	1,42 g/cm ³		
	Maximum particle size	0,7 mm		
	Application Thickness	2 mm (two layers of 1 mm)		
Application	Water dam	28-30%		
	Performance	1,4 Kg/m ² by mm of thickness		
	Blending density	1,91 g/cm ³		
	Lifetime	30'		
End Performances	Adhesion on metal	0,40 N/mm ²		
	Protection against corrosion	Go to	EN 15183	
	Fire reaction	Class A1	Decision 96/603/CE	
Storage	12 months	Store in a covered, dry and ventilated place with the container closed.		
Presentation	20 kg bags			

For precautions of use, storage and elimination of the product, consult the security data sheet available on the website www.aymarsa.es

NOTE: The information contained in this technical file is based on our experience and on trials carried out in specialized laboratories. The characteristics of the resulting product will depend on the correct preparation and application on the site by the user. If these conditions are not met, the characteristics indicated above will not be achieved.



EN 13813:2002



Factory and Offices

Ctra. C-35, Km 58 · Ap. correus nº1
08470 SANT CELONI (Barcelona)

Tel. (+34) 93 867 00 00

aymar@aymarsa.es
www.aymarsa.es



EN 12620
EN 13139
EN 998-1
EN 998-2
EN 206-1
EN 13813

EN 1504-2
EN 1504-3
EN 1504-6
EN 12004
EN 13888
EN 14891