

galileo

PASSIVANTE

Bi-component, anti-corrosion coating with corrosion inhibitor for the protection of concrete reinforcement rods



Supply and Storage

GALILEO PASSIVANTE is available in convenient buckets containing the two separate components (powder&liquid) for a total of 2 kg (1.6 kg.+0.4 kg.). Store in a cool, dry and non ventilated place. Keep packaging intact. Use before expiration date stamped on the bucket.

Surface Preparation and Application

Clean the iron reinforcements with mechanical or hand tools to remove the rust and make sure that surfaces are free of dust, oil, grease and other pollutants or brittle and insubstantial parts.

Pour the component B (liquid) in a bucket and slowly add the component A (powder), stirring constantly at low speed until a homogeneous mixture free of lumps is obtained.

Apply GALILEO PASSIVANTE by brush on the properly cleaned reinforcement rods in two coats, with a thickness of about 2 mm.

Apply the restoration mortar only after the product is dry and no later than 7 days from the application of the passivating solution.

Fields of use

GALILEO PASSIVANTE is a bi-component anti-corrosive coating, specifically formulated to protect the reinforcement rods before the application of the restoration mortar. Given its iron protective characteristics, it is especially recommended in restoration interventions where it is not possible to obtain, with the restoration mortar, an adequate thickness concrete cover to match the environment of exposure.

Technical data

Specific weight	1,9 kg/l
Composition	Bi-component (liquid+powder)
Color	Green
Mixing ratio	4 powder – 1 liquid (to weight)
Pot life	60 min (20°C)
Application temperature	higher than +5°C
Consumption	~ 200 gr./ml. (iron rods diameter 8-10 mm.)

Disclaimers

GALILEO PASSIVANTE should be applied at temperatures between 5°C and 35°C.v



The reported data refers to Quality Control tests in standard environmental conditions. Practical applications in the construction sites may detect significantly changed data, depending on operating conditions, so the information on the Card is only indicative because the user must always check its suitability for intended use of the product by taking responsibility for the use. Ferradal Calceo Grigolin S.p.A. reserves the right to make technical changes of any kind without prior notice.