

EUROPLUS

Fiber-reinforced anti-shrinkage quick-setting restoring mortar leveling for concrete

Cod. E710010

DESCRIPTION

EUROPLUS is a premixed quick-setting powder mortar for repairing and leveling the concrete.

Once mixed with water it is obtained a thixotropic mortar, highly adhesive to concrete, suitable for the repair of damaged parts and the further leveling without shrinkage and with a very fast adhesion.

INSTRUCTIONS FOR USE

EUROPLUS is indicated for:

- Repair of concrete elements (beams, columns, front panels, etc.)
- Reconstruction of corners, edges, concrete fronts (balconies, stairs etc.).
- Suitable for thin leveling of concrete surfaces giving a "civil finish" effect.

TECHNICAL SPECIFICATIONS

Specific weight of fresh mortar 1.8 kg / lt

pH after setting: > 12

Particle size: <0.5 mm

Thickness: from 3 to 40 mm at a time

Compressive strength: > 13 N/mm² at 28 days

Bending strength: > 2 N/mm² at 28 days

CE marking per EN 1504-3

Life: 20 min. at 20 ° C.

Theoretical consumption: 14 kg/sqm per cm of thickness

recoating: after 7 days from the application

Color: gray

PREPARING THE SURFACE

The substrate must be thoroughly cleaned from dust, rust, release elements (such as oil and grease) or partially detached parts.

The reinforcing rods must be first cleaned by mechanical removal or possibly sandblasting and then treated with EUROCRET FERRO MONOCOMPONENTE anticorrosion protective.

Roughen the concrete surface to ensure a perfect adhesion to the support surface.

The substrate needs prior wetting, especially in the presence of high temperatures or wind.

If mold is present, treat the surface with restoring products.

APPLICATION INSTRUCTIONS

Mixing water: 22% (about 5.5 liters per 25 kg bag)

After preparing the support pour about 80-90% of the water in a container and add the powder EUROPLUS, without interruption, to avoid the formation of lumps; mix the mixture for 1-2 minutes with a drill fitted with a special whip. Add the remaining water to reach the desired consistency and mix for another 2 minutes.

EUROPLUS can be applied with a trowel or american

spatula.

The surface finish can be performed trowelling the surface with a sponge trowel when the mortar reaches the condition of "out of touch".

The presence in the mixture of specific anti-shrinkage additives prevent the formation of cracks and fissures even without the application of an anti-evaporation agent; however, in areas with strong wind or sun exposure it may be necessary to provide a wet curing, wetting the substrate with water for the first 2 days, or shielding with special sheeting the area where the application is run.

For a surface finish that ensures a high quality aesthetic appearance apply EUROCRET 200 or EUROCRET 500.

EUROPLUS should not be used:

- to remakes of thicknesses less than 3 mm
 - to thicknesses higher than 40 mm at a time
 - for the repair and leveling of brick surfaces
 - for the repair and leveling of plaster based substrates
 - in contact with acidic substances (pH less than 5) or stagnant water.
 - with temperatures below 5 ° C or above + 30 ° C
- Do not add water when the product has already started to set.

STORAGE

Maximum storage temperature + 35 ° C

Minimum storage temperature: + 5 ° C

Keep in a dry place away from humidity.

It is recommended to use the product within 1 year from date of manufacture.

SAFETY RULES

Irritating to respiratory system and skin / Risk of serious damage to eyes / It may cause sensitization by skin contact / Keep out of reach of children / Do not breathe dust / Avoid contact with eyes and skin / In case of contact with eyes, rinse immediately with plenty of water and seek medical advice / Wear suitable protective clothing, gloves and eye / face / If swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored in accordance with current standards of hygiene and safety; let dry completely the residual parts and treat them as special waste.

For more information, see the Safety Data Sheet.

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