



## Description

Thixotropic mortar without retraction specially designed for repairing. Suitable for the restoration of damaged surfaces by iron oxide spreading. It protect the metallic armours combined with TEAIS PROTECOR and working properly with concrete in the face side. It has a big resistance from the compression. Colour: cement grey.

## Aplication

On flakings, voids, cracks and blowholes repairs on concrete. Concrete surfaces regularization which requires good mechanical resistance and adhesion. Concrete repairs that have been broken by reinforcement corrosion. In wire anchorings, wood, profiled steel rails, etc.. Protection of metal armors, concrete pairings, passive cracks sealing.

## Surface preparation

Must be clean, without grease, dust or loose parts, compact and conveniently moistened. Concrete preferably prepared by mechanical methods. Reinforcements should be mechanically cleaned by brushing and applying Teais Protecort.

## Modes of application

Mix directly with 17 ±2% of water until obtaining the required workable paste to can be easily applied. The

blended can be done manually or mechanical by low-revolution electric mixer (300 a 500 rpm).

- Let it stand from 2 to 5 minutes before using the ready admixture.- It must be applied by trowel on areas to repair, with maximum thickness of 2-3 cm in order to avoid sagging paint, mainly in vertical planes.

- With high temperatures is necessary to wet the support by spraying or wetting the surface and apply when the surface gloss disappear.

- Once applied it must be protected form the cold and freeze and on summer time the surface must be watererd to improve the curing time.

## Clean up

With abundant clean water, while the material has not hardened, then only by mechanical means.

## Data sheet

Powder density  $1,400 \pm 0,050$  g/cc.

Mass of density  $2,050 \pm 0,050$  g/cc.

Curing density  $1,950 \pm 0,050$  g/cc.

Water absorption  $17 \pm 2\%$

Capillarity  $< 0,7 \%$  a 60 minutes

Water retention  $> 97\%$

Colour/s grey cement

Compressive resistance  $> 300$  kg/cm<sup>2</sup>

Flexural strength resistance  $> 80$  kg/cm<sup>2</sup>

Adherence  $> 1,5$  N/mm<sup>2</sup> on concrete

Class A1 (UNE EN 13501-1)

Temperature of work 5 to 30°C

## Performance

2 kg per sqm in 1 mm layer

## Storage



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2 years, in their original bags, tightly closed, without exposing to extreme temperatures, protected from the weather and in dry and ventilated places.

# Security



## Indications of danger:

H315: H315:Causes skin irritation.

H317: H317:May cause an allergic skin reaction.

H318: H318:Causes serious eye damage.

H335: H335:May cause respiratory irritation.

## Prudence advice:

P271: P271Use only outdoors or in a well-ventilated area.

P280: P280:Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: P302+P352:IF ON SKIN: Wash with plenty of soap and water.

P304+P340: P304+P340:IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: P305+P351+P338:IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: P310:Immediately call a POISON CENTER or doctor/physician.

P403+P233: P403+P233:Store in a well-ventilated place. Keep container tightly closed.

P501: P501:Dispose of contents/container in accordance with local/regional/national/international regulation