



HORMITIX, THIXOTROPIC MICRO-CONCRETE WITHOUT RETRACTION.



Descripción

Micro-concrete based on cement, thixotropic, without retraction, with high mechanical resistances. Excellent for reinforcing and repair of concrete structures, fillings of hollows, pavement reinforcement, etc. Colour available: grey cement.

Aplicación

In the reinforcement and repair of micro-concrete structures. Damage repair caused by movement. Reinforcement and repair on pavements areas made of concrete mainly in areas in no horizontal situation such as ramps, areas near to waterings, etc. Apply it with thickness between 20 and 50 mm.

Surface preparation

The surface must be cleaned, free of greases, oils, dust, compact, uniform and slightly wet. In case of polished supports, tiles, or supports with low adherence bonding agents must be used according with the requirements in each case.

Modes of application



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The HORMITIX blended must be done manual or mechanical but in both cases the container must be clean. It must be mixed with a 16% of water until obtain a thixotropic paste.

-In case of mechanical blended use an low-revolution electric-mixer (300-500 rpm).

-The support must be cleaned for spreading the material as soon as possible since it is mixed.

Apply the micro-concrete by a pallet or another suitable tool taking into account its thixotropic consistence.

- HORMITIX can be floated mechanically, with a mechanical trowel (helicopter type) until achive the desired sanding level.

- Contraction joints must cut 24 hours over the pavement is made at the same time than the support joints. The number of joints can be higher but not lower.

- HORMITIX must be cured suitably. For that it can be keeping wet by irrigation. Also, curing products as LAUCRIS which avoid the evaporation of water quickly can be used. Thus, the superficial resistance against wearing is improved and cracks as well.

Clean up

With plenty clean water.

Data sheet

Flexural strength resistance > 65 kg/cm²

Compressive resistance > 500 kg/cm²

Powder density 1,350 ± 0,050 g/cc.

Mass of density 2,000 ± 0,050 g/cc.

Composition Quartz aggregates, special additives and cementitious bondings P 45-A

Water absorption 16 ± 2%

Adherence > 5,0 kg/cm²

Colour/s Grey cement

Temperature of work From 5 to 30°C

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Performance

21 kg per sqm per 1cm of thickness.

Storage

2 years in their original packages, tightly closed, keeping them away from extrem temperatures, rain, freeze, and in dry and open-air 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:

P261: P261:Avoid breathing dust.

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.

P321: P321:Specific treatment (go to see a doctor with the Safety data sheet for this product).

P405: P405:Store locked up.

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

Supplementary information:

EUH208: EUH208: Contains Cement, portland, chemicals. May produce an allergic reaction.



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