

insulation

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THERMAL

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FIBERS

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fibrotais

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GLASS MAT

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GEOTEXTILES

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STAPLES

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FIBER MESH

tejiáis

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**Learn more about our full range of products
www.teais.es**

sound absorbing polyethylene membrane

climais

***Climais** is a sheet made of closed-cell extruded polyethylene to avoid noises from contact and impact through walls and slabs.*

It is applied as acoustic insulate between walls and slabs, for radiant heating, for making smoother the slabs and as a barrier for the noise of impacts.

Packaging:

Roll of 180mx1,60mx3mm (288 sqm)

Roll of 200mx1,60mx2,5mm (320 sqm)

Consumption: 1,05 m2 per sqm



acoustic

polypropylene fibers for concrete and mortar

fibra polipropileno

Polypropylene fibers to used as an additive in concretes and mortars to provides them a decrease of retraction and cracks. The fiber is homogeneously added in mixture during the mixing.

It is used in mortars and concretes which the retraction must be controlled, to decrease the cracking and to improve mechanical resistance to impacts. It is used on industrial pavements, concrete-prefabs, renders, concrete slabs and concrete with impact resistance.

Packaging: 600g paper bag

Consumption: 600 g/cbm of concrete



fibers

fibrotais

short-yarns fiber to reinforce mortars and concretes



***Fibrotais** is a product which has yarns in fiberglass shape. It is used to reinforce plaster-renders, gypsum, cement mortars and concretes.*

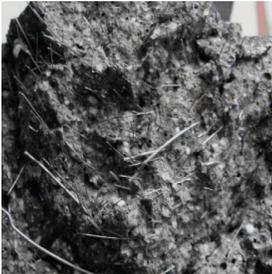
In the reinforcement of plaster-renders, concretes, etc. In areas that can be suffer mechanical bending efforts.



*Packaging: Plastic bag of 50 g
Consumption: 50 g per 25kg cement bag*

teais fibracer

steel fibers for making reinforced concrete



***Teais Fibracer** consist of steel fibers for making reinforced concretes on pavements and industrial paving*

It's used as concrete reinforcement on industrial paving improving the load capacity, providing high mechanical resistances against bending and tensile, increases the resistance to impact and occasional efforts, non-structural replacing, easy to dose and the mixing can be done with usual tools.

In case of pavements is important to have vapour and humid barriers which avoid the capillarity moisture of indoor pavements mainly.



*Packaging: 10 et 25 kg
Consumption: 20 to 40 kg/cbm*

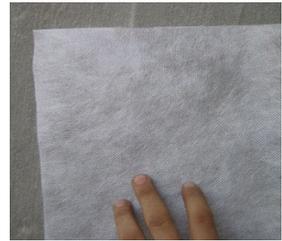
geotextile protection mat

punzonais

Punzonais is a product made in a geotextile way composed in base of 100% polyester non woven and joint by shoelaces and thermofusion.

Apply as separating layer of waterproofing systems on roofs and terraces keeping away the insulation from the punching caused by ground, sand, gravel, concrete mortar placing, etc. In drainage systems, on soils movements and foundations, in tunnels y canals, in erosion control, construction of reservoir and dams, etc

Packaging: Roll of 2x125 m
Consumption: 1,05 m2 per sqm



geotextiles

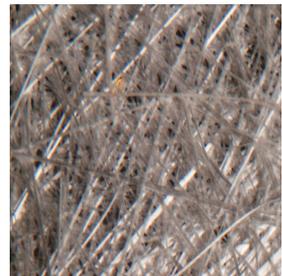
fiberglass mat for reinforcement

fibrais 150

Shaped product, obtained with threads of normal titles, cut to a length of 50 mm bonded together by a binder emulsion, soluble styrene and compatible with polyester resins.

Fibrais-150 is a reinforcement designed to improve the mechanical properties of laminates and waterproofing based on polyester resin, elastomer resins, etc. Especially when dimensional and singular points needs stability.

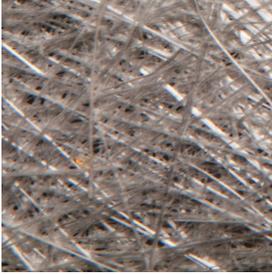
Packaging: Roll of 1,25x60 m
Consumption: 1,05 m2 per sqm



glass mat

fibrais 300

fiberglass mat for reinforcement



Fibrais 300 is a shaped product, obtained with threads of normal titles, cut to a length of 50 mm bonded together by a binder emulsion, soluble styrene and compatible with polyester resins.

It is an reinforcement designed to improve the mechanical properties of laminates and waterproofing based on polyester resin, elastomer resins, etc. Especially when dimensional and singular points needs stability. Recommended for Lastois techumbres, Lastois cubiertas, Teais SK Film, etc.



Packaging: Roll of 1,25x122 m
Consumption: 1,05 m2 per sqm

tejiais 5-150

mineral fiber mesh for reinforcement



Tejiais 150 consists of a mineral fiberglass used for reinforcing cement based or acrylic mortars. TEJIAIS is resistant to the alkaline characteristic of cement based materials.

It is used as reinforcement in mortars, paints, cracks and fissures.

Specially designed for ETICS system, like our Teais Term System



Packaging: Roll of 50x1 m
Consumption: 1,05 m2 per sqm

galvanised and corrugated steel staples

grapais

Grpais consists of corrugated steel staples AEH-400N type of 200 to 300 mm length and diameter ranging from 4.5 to 6 mm.

These staples undergo galvanisation by electrolysis so as to prevent corrosion, with bending capacity at corners so as to adapt to different types of applications and are used for reinforcing and restoring.

It is used for blocking cracks on facades or walls. It is used for joining pieces, stone, concrete, etc. It is also used for overlapping sections.



Packaging: Blister of 5 ut, box of 60 and 300 ut.
Consumption: 3 ut/lm

mesh based on carbon fiber for structural reinforcement

tejiáis carbono

Tejiáis Carbono is an unidirectional carbon fiber mesh used to reinforce concrete structures, brick walls and wooden structures.

The system consists of the mesh and a special epoxy adhesive type, Epoais Carbon.



Packaging: Roll of 30 lm x 50 cm
Consumption: Depending on use

staples

fiber mesh

termoplak

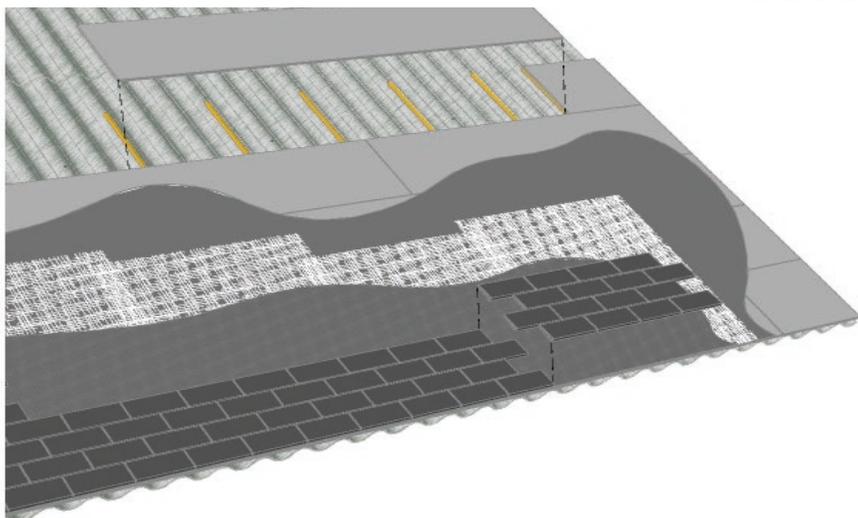
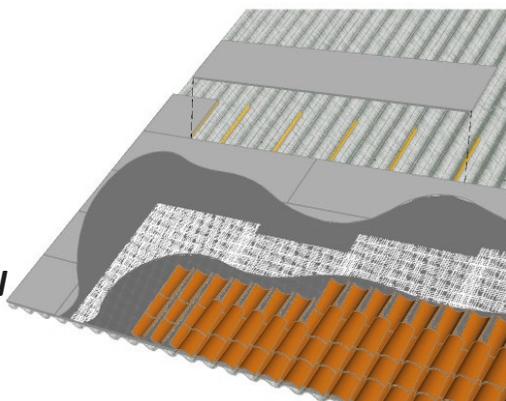
thermal insulation boards for construction



Teais Termoplak is an ideal product for the restoration of terraces in a simple and economical way.

Teais Termoplak is a rigid panel with good resistance to mechanical compression and flexion, lightweight, thermal insulation and which allow numerous applications, for the renovation of fibro-cement terraces, allowing the subsequent installation of waterproofing or coating both synthetic and natural.

- **RESISTANT**
- **THERMAL INSULATION**
- **EASE OF USE**
- **VARIOUS THICKNESS**



passive crack repair system with steel reinforcements

grapais

Grpais are corrugated steel staples AEH-400N 200mm long and 4.5mm diameter, electrolytically galvanized to prevent corrosion, bent at an angle according to different types of applications, reinforcement and rehabilitation.

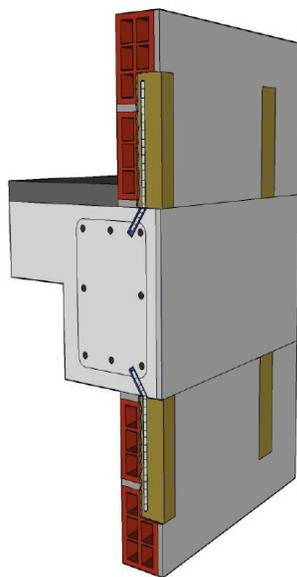
They are used in the repair of passive cracks combined with an epoxy adhesive Bi-component and thixotropic and a repair mortar without shrinkage, as shown in the diagram.

For metallic reinforcement to be effective it must be placed at 3cm of depth of the surface.

Follow the course of the cracks, place it at 35cm approximately and of cross shape, realize with a grinder a hole of 7x22cm with a depth of the order of 4cm.

Apply a small amount of mortar without retraction and place the reinforcements alternately. Finish filling with the same mortar to the level of the surface.

The crack between the reinforcements must not be pitted, simply clean and seal with the appropriate material inside or outside.



cracks



teais grap dentada

stainless toothed staple for crack blocking



Teais grap dentada, is a stainless toothed staple for crack blocking.

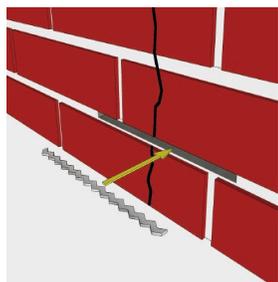
For repairing cracks on different surfaces.

In facades of facing bricks, facades of different types, on concrete floors or cracks, on the slabs, etc.

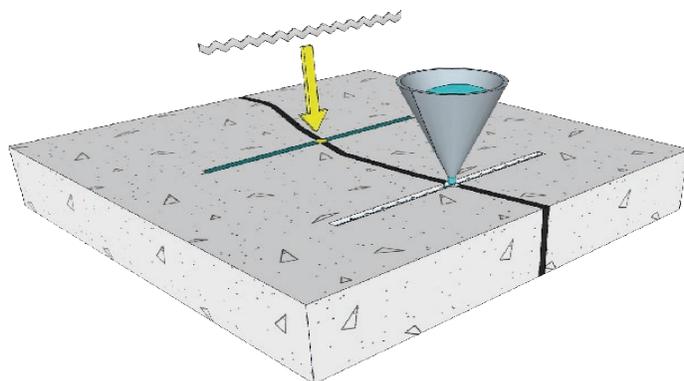
Teais grap dentada parts are stainless steel and have a special shape particularly ideal for various repairs.

The staples are placed with a special silicone *Teais figrap*, in vertical surfaces.

On horizontal concrete supports place with *Epoais 3F*. The separation between staples must be 15cm approx.



laying into the walls



laying of teais grap dentada into the ground