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

accelerator for setting time for mortar and concrete

acelerais

Acelerais is a liquid additive that acts both as an accelerator for the setting time for mortars and concrete. It also acts as anti-freeze agent allowing the formation of concrete at low temperatures.

*it is used to obtain quick turnovers, concrete characterised by high initial and final resistances, concrete structures that require the quick formation of passable decks, concrete at low temperatures, with water contact and even when completely immersed in water, etc.
UNE-EN 934(2) and (3)*

*Packaging: 1 l, 5 l, 25 l, 200l, 1000 l
Consumption: 0,25 to 1 l per cement bag*



accelerator

accelerator and activator for glue cement

**teais
rapicol**

Teais Rapi Col is an energetic liquid additive with high concentration to improve the setting of glue cements. Based on mineral composites of high concentration.

It is applied mainly in works that requires a quick starting up or in those that the setting is required to improved because the low temperatures.

*Packaging: 1 l, 5 l, 25 l, 200 l
Consumption: 6 to 10% of water mix*



accelerator

fiais**antifreeze and accelerator liquid**

Fiais is a liquid additive in mineral base with high concentration that because of its exothermic reaction is able to decrease the freeze point of mix-water and increases the hydration of the cement allowing the concreting at low temperatures. (UNE-EN 934-2 and 3)

it is used mainly on winter as a mortar and concretes additives allowing the concreting at low temperatures, also below 0°C.



Packaging: 1 l, 5 l, 25 l, 200 l
Consumption: 0,25 to 1 l per cement bag

hidais**waterproofing powder for mortars and concretes**

Hidais is a powder product that mixed with Portland cement in mortars and concretes, provides excellent water-repellent properties, ensuring their impermeability, without losing other features. Contains no chlorides. (UNE-EN 934-2)

It can be used in the reinforced concrete of foundations, galleries and underground tunnels, docks, dikes, etc.

In the impermeabilization of swimming pool plasters, water tanks, facades, outdoor walls, precasts, etc.



Packaging: 1 kg, 25 kg
Consumption: 0,5 kg per cement bag

waterproofing for mortars and concretes

hidro 1

Hidro-1 is a liquid which mixed with mortars and concretes it adds them waterproof properties.

it's used to improve the impermeability of concretes and mortars.

The mortars and concretes added with Hydro-1 can be used in coatings of water tanks, swimming pools, facades, foundations, basement walls. Suitable for underground works, tunnels, galleries, foundations, retaining walls, canals, irrigation ditches, etc.



Packaging: 1 l, 5 l, 25 l

Consumption: 0,5 l per cement bag

waterproofing

plasticizer liquid and waterproofing agent for mortars and concretes

lais

lais is a thick/pasty liquid that added with mixing-water in the right proportions, confers plasticity and waterproofing to mortars and concretes.

Improves with efficiency the waterproofing and workability of mortars and concretes. For all purposes.

Very good performance due to its high concentration.



Packaging: 1 l, 5 l, 25 l, 200 l

Consumption: 1lt per 400 kg of cement and 1l for 200 kg of cement in precast concrete

waterproofing

aglutais 30-50

plastic resin to improve mortars and concretes



Agglutais 30-50 is an emulsion based on plastic resin Butadiene Styrene type, which added to the mixing water in mortars and concretes provides an increase and improvement of mechanical and chemical resistance.

Agglutais greatly improves adhesion, cohesion, thixotropy etc. Agglutais 30-50 resists saponification.

It's used to improve cohesion, compressive and flexural mechanical resistance, adhesion, reduces plastic shrinkage etc.

It's used in any sand and cement mortars to which this properties want to be improved.

Packaging: 1 l, 5 l, 25 l

Consumption: Aprox. 26 l per 100 kg of cement



teais sulfor

additive improver for resistance to sulphates



Teais Sulfor is a liquid additive based on copolymers and inorganic compounds that improves the resistance to sulphates and sea water

it is suitable for requirements of resistance in mortar and concrete to seawater, marine environment, sulphates, etc



Packaging: 1 l, 5 l, 25 l

Consumption: 2% of cement weight

additive improver of cement-based adhesives for radiant heating floorings

**teais
termic latex**

Teais termic latex is an additive based on a mixing of copolymer resins, additives and aqueous vehicle.

It's improves substantially the properties of cement-based adhesives for the application of coverings on radiant heating floorings.



Packaging: 5 l, 25 l
Consumption: 1 l per 2 l of water

improvers

emulsion adhesive that improves grouts and mortars

teais latex

Teais Latex is an emulsion based on copolymers which provides substantial gains to mortars, grouts and cements in general as in their increases of mechanical properties and improvement of adherence.

It is used for improving adhesive groutings and grouts for clogging pores, masonry mortars in general, glue-cements, low-thickness mortars, to improve adherence on several supports, to improve the elasticity and flexibility. It reduces the crack risk and improves the impermeability, the abrasion resistance and chemical resistances.



Packaging: 1 l, 5 l, 25 l
Consumption: Depending on use

adhesion promoter

plais N**plasticizer for concrete and mortar**

Plais N is a plasticizer for mortar and concrete, which is ideal to obtain an excellent plasticity, greatly facilitating their manageability and improving their work placement.

It's used when it's necessary to improve the workability of mortar and concrete, to slightly reduce the water/cement ratio, to achieve a better finish of the molded parts, to increase mechanical strength. Cohesion increases avoiding segregation, increases the hardened mortar's resistance to frost.

Does not change the setting and hardening times. UNE-EN 934(2) and (3)



Packaging: 1 l, 5 l, 25 l, 200 l

Consumption: 1 l for 2500 kg of cement

plais super**concentrate plasticizer for concrete and mortar**

Plais S is a concentrate plasticizer for mortars and concretes.

It is used in mortars and concretes that require better workability, better thixotropy a moderate reduction in the ratio W / C , a better finish, an improved compactness, improved water resistance, reduced drying shrinkage, improve adherence cement-aggregate-armor, etc.

UNE-EN 934(2) and (3)



Packaging: 1 l, 5 l, 25 l, 200 l

Consumption: 1 l per 10.000 kg of cement

additive for mortars with radiant floors

teais adi-term

Teais Adi-Term is a liquid additive which is able to achieve compact mortars and improves their thermal conductivity.

It is used for compacting mortars on floors with radiant heating.

To increase the heating floor yield.



Packaging: 5 l, 25 l

Consumption: 1,5 % of cement weight

fluidizer

texturizer additive for synthetic products

aditex

Aditex is a texturizer powder additive, of mineral nature and colourless.

It is used for texturing all kind of coatings or synthetic paints. Mainly in pavements applications, ramps, stairs, which a no-slipping texturized surface must be achieved.

Suitable for the application of paint or coating.



Packaging: 0,8 kg, 20 kg

Consumption: Depending on use

texturizer

retardois

setting retarder for mortar and concrete



Retardois is a liquid additive setting-time retardant for mortars and concretes.

It's suitable for delaying the setting-time, with hot weather, when a big quantity of concrete to place is required, when it requires to avoid the concreting joints, when it transported over long distances, with bad conditions for placing, when it requires to increase the workability-time, etc.



UNE-EN 934(2) and (3)

Packaging: 1 l, 5 l, 25 l, 200 l

Consumption: 0,25 à 0,75 kg per cement bag

clais

dye for mortar and concrete



Clais is a powder product belonging to the chemical family of sulfonated aluminum and sodium silicates combined with crystalline particles, alkali and UV radiation resistant. Designed to color mortars or concretes with cement or lime binders. Incorporating Clais as coloring, does not decrease the strength feature of the mortar or concrete which is added.



It's used for architectural concretes, for concrete or mortar precast pieces, cobbles, pavements, facade mortars, mortars for grouting brick or stone (natural or synthetic), etc.

Packagng: S, M, and L, Dependng on color.

Consumption: whte cement 1 to 3% of cement weght, wth grey cement 3 to 12% of cement weght.