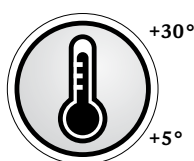
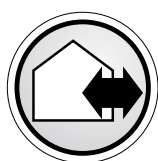




Qualities



P.T.B. - EGALCOL is a dry, ready-to-use mortar composition of refined and sieved sand, cement, and high-grade additives that is made up only with water and produces a placing and levelling mortar.

P.T.B. - EGALCOL is used in the conventional way for all types of tile work, both indoors and outdoors: for the positioning of tiles in a mortar bed, on a freshly settled bed of sand, or on a hardened floor substrate.

P.T.B. - EGALCOL is suitable for positioning doorsteps, window sills, plinths,...

This light, greasy mortar can be used for positioning wall tiles in a mortar bed and for levelling out wall surfaces prior tiling them.

For the levelling out of walls, also consider the use of our products PUTZUNA® BA-W and PUTZUNA® HY. Aside from a very malleable workability and high adhesive resistance, P.T.B.-EGALCOL further possesses the property, once mixed with water, it keeps the mortar homogeneous without bleeding (no water forms on top of the mortar).

P.T.B. - EGALCOL white is especially suitable for seating natural stone such as marble, French white stone, ...

To tile non-absorbent materials, one has to mix P.T.B.-EGALCOL with a solution of 1 part of COMPAKTUNA® and 3 parts of water.

Mixing ratio	Consumption	Packaging
± 2,5 - 4 l water per bag of 25 kg (± 10 - 16 % water)	± 1,80 kg/mm per m ²	25 kg
Colours	Processing time	Application temperature
grey & white	± 2 hours at +20°C	+ 5 till + 30 °C

Directions for use

1. Substrate

The application shall be carried out on a non-frozen, clean, well-maintained surface free of dust and oil spots and bits of loose substances. Porous surfaces need to be lightly dampened prior to application with a layering of COMPAKTUNA®(PRO)/ water solution (1/4) or with P.T.B.-PRIMER. The pot-life of P.T.B.-EGALCOL is 2 hours at +20°C. On a hardened substrate, a bonding layer is applied with COMPAKTUNA® (PRO). This layer consists of a solution of 1 part COMPAKTUNA® (PRO) and 2 parts of clean water, in which a dry mixture of half cement and half riversand is blended until a dense but still spreadable slurry is obtained. Let the bonding layer settle before proceeding to the positioning job.

2. Processing

P.T.B. - EGALCOL is made up with ± 10 to 16% water, that is ± 2,5 l to 4 l of water per bag of 25 kg, depending on the desired consistency. Mix the whole vigorously with a slowly rotating mixer for 3 minutes until a lump-free, homogeneous tiling and levelling mortar is obtained. Now, the P.T.B. - EGALCOL can be applied to the substrate. Position the tile in the fresh mortar bed and press down firmly. In the case of large-size, light tiles, it is recommended to scour the mortar layer with an adhesive trowel in order to obtain optimal contact with the mortar. If necessary, back-buttering must be applied. The contact surface between the tile and the mortar bed must be at least 80 %.

Remarks

The minimum thickness of a layer of P.T.B. - EGALCOL is 3 mm. The maximum total thickness of a layer of P.T.B. - EGALCOL is 30 mm.

The processing temperature is from +5°C to +30°C (this applies to the surface as well to the ambient temperature around).

It is necessary to protect drying cement work against frost, rain, high winds and exposure to direct sunlight.

For the jointing of the tiles, consider the use of our products P.T.B. - VOEGSPECIE (standard and water-repellent), P.T.B.-JOINT-BREED and P.T.B.-EPOXY-JOINT.

The jointing work is carried out in a way that possible tensions (for instance, as a result of dilatation) can be dealt with by the tiling surface. Clamping against ceilings, floors, columns, and the like needs to be avoided; dilatation joints in the bearing surface need to be picked up in the tiling surface. All these joints need to be sealed off with an elastic jointing kit (P.T.B.-SILICON).

Packaging

P.T.B. - EGALCOL is delivered in bags of 25 kg. Every bag contains a polyethylene inner bag that guarantees long-lasting conservation.

Refer to clause p. 2.

