



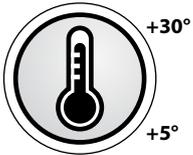
P.T.B.-KLEEFCEMENT PLUS

Cement based tile glue

CE 1136	
POLYTECHNISCH BEDRIJF BVBA/SPRL - P.T.B.-COMPACTUNA® INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT - BELGIUM	
06	
012/CPR/130701 EN 12004	
P.T.B.-KLEEFCEMENT PLUS / P.T.B.-CIMENT-FORT PLUS	
Cementgebonden tegel/m/wand en muur/binnen en buiten Ciment colle/murs et sols/intérieur et extérieur Cementitious adhesive/floors and walls/internal and external Zementhaltiger Klebemörtel/Boden und Wand/innen und Außen	
Brandklasse/Réaction au feu/Brandverhalten/Reaction to fire:	NPD
Hechtsterkte als/Force d'adhérence/Klebkraft/Bond strength as:	
- initiele hechting/adherence initiale/Haftzugfestigkeit nach Trockenlagerung/initial tensile adhesion strength (28 days)	≥ 0,5 N/mm ²
Duurzaamheid/Stabilité d'adhérence/Haltbarkeit/Durability for:	
- hechting na veroudering onder hoge warmte/après action de la chaleur/ Haftzugfestigkeit nach Wärmlagerung/tensile adhesion strength after heat ageing	≥ 0,5 N/mm ²
- hechting na onderdompeling in water/après immersion/ Haftzugfestigkeit nach Wasserlagerung/tensile adhesion strength after water immersion	≥ 0,5 N/mm ²
- hechting na vorst-dooicycll/après gel-dégel/ Haftzugfestigkeit nach Frost-Tauwechsellagerung/tensile adhesion strength after freeze- thaw cycles	≥ 0,5 N/mm ²
Vrijstelling gevaarlijke substanties/Emission de substances dangereuses/Freisetzung von gefährlichen Stoffen/Release of dangerous substances	MSDS



Characteristics



P.T.B.-KLEEFCEMENT PLUS is a dry composition that will give a ready-to-use glueing mortar for tiles. This mortar assures an adhesion, which after seven days of curing surpasses that of a conventional mortar product up to five to six times. Except this absolute certainty with respect to adhesion, P.T.B.-KLEEFCEMENT PLUS has exceptional properties as far as workability is concerned. Because of its simplicity and proven composition, P.T.B.-KLEEFCEMENT PLUS allows for a rapid application with a maximum efficiency.

With P.T.B.-KLEEFCEMENT PLUS, the following materials can be glued, both indoors and outdoors: faience, ceramics, mosaics, and this on surfaces such as concrete, masonry work, cement work, aerated concrete.

The use of P.T.B.-KLEEFCEMENT PLUS is not recommended on following supports: gypsum plasters, sprayed gypsum and the like, wood fibreboards, etc., which can present deformations due to humidity and are little coherent. In such cases, the use of FLEXcement®, FLEXcement® PLUS, FLEXcement® COMFORT or FLEXcement® PREMIUM is the best choice.

TECHNICAL CHARACTERISTICS

Corresponds to the requirements according NBN EN 12004

Initial tensile adhesion strenght (C1)	≥ 0,5
Tensile adhesion strenght after water immersion (C1)	≥ 0,5
Tensile adhesion strenght after heat ageing + 70°C (C1)	≥ 0,5
Tensile adhesion strenght after freeze-thaw cycles (C1)	≥ 0,5
Open time: tensile adhesion strenght after 20 min.	≥ 0,5

Mixing ratio

± 5,75 l water per bag of 25 kg (± 23%)

Consumption

± 1,5 kg/mm/m² in powder

Packaging

25 kg

Colours

Grey & white

Processing time

± 3h

Application temperature

+ 5°C till + 30°C

P.T.B.-KLEEFCEMENT PLUS

Directions for use

The substrate must at all times be cleaned and solid and free of dust and oil stains, that cannot suffer any deformation (e.g. shrinkage) P.T.B.-KLEEFCEMENT PLUS is prepared with little less than 7 l of water per 25 kg of product.

After careful mixing, leave the mortar thus achieved to settle for 5 to 15 minutes. Afterwards, once again stir the mixture vigorously. The mortar is now ready for use. First apply a thin layer to the surface using a trowel or an adhesive trowel. This layer is pressed down firmly. Without delaying, a second layer is applied, distributed with an adhesive trowel in regular grooves.

Next, the tiles are being pressed firmly onto the surface with a slight twisting action. The ready application time of the layer depends on the working conditions and the surface. The jointing (P.T.B.-JOINT HY, P.T.B.-JOINT HY PREMIUM or P.T.B.-JOINT-BREED) can be carried out a few days following the application.

Remarks

- 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.-SILICONE SN & NA).
- In some cases, a base coating with COMPAKTUNA®(PRO)/water (1/4) or P.T.B.-PRIMER may be necessary.

Packaging

P.T.B.-KLEEFCEMENT PLUS is available in bags of 25 kg, in grey and white colours. Each bag of 25 kg contains a bag in polyethylene. Sustainability is 12 months in original, sealed packaging and dry preserved.

