



P.T.B.-EGALISER-EN PLUS

Fast-levelling mortar
2-30 mm

CE	
POLYTECHNISCHE BEDRIJF BVBA/SPRL – P.T.B.-COMPAKTUNA® INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM	
07	
048/CPR/130701	
EN 13813	
P.T.B.-EGALISER-EN PLUS	
Cementgebonden dekvloer voor gebruik binnen/ Chape à base de ciment à usage à l'intérieur/ Zement-Estrichmörtel für die Anwendung innen/ Cementitious screed material for internal use	
Brandklasse/Résistance au feu/Brandverhater/ Reaction to fire:	E
Vrijstelling van corrosieve stoffen/Emission de substances corrosives/ Freisetzung korrosiver Substanzen/Release of corrosive substances:	CT
Waterdampdoorlaatbaarheid/Perméabilité à l'eau/Wasserdurchlässigkeit/Water permeability:	NPD
Waterdampdoorlaatbaarheid/Perméabilité aux vapeurs d'eau/ Wasserdampfdurchlässigkeit/ Water vapour permeability:	NPD
Druksterkte/Résistance à la compression/ Druckfestigkeit/Compressive strength:	C30
Buigsterkte/Résistance à la flexion/ Biegezugfestigkeit/Flexural strength:	F7
Slijtweerstand/Résistance à l'usure/ Versleiwetand/Wear resistance:	NPD
Geluidsabsorptie/Absorption du bruit/ Schallabsorption/Sound absorption:	NPD
Warmteweerstand/Résistance thermique/ Wärmedämmung/Thermal resistance:	NPD
Chemische weerstand/Résistance chimique/ Chemische Beständigkeit/ Chemical resistance:	NPD



Characteristics



+30°

+5°

P.T.B.-EGALISER-EN PLUS is a dry, ready-to-use, fast-levelling mortar designed for floors, appropriate for indoor use.

P.T.B.-EGALISER-EN PLUS is made of cement, choice quartz sands, and high-quality additives.

By the simple addition of water, a self-levelling mortar is obtained, with the following primary properties:

- an excellent self-deliquescence
- fast hardening
- excellent adhesion
- high resistance after curing.

Its brief drying time shortens the waiting times for the floors to be used. P.T.B.-EGALISER-EN PLUS allows for smoothing unevenness from 2 mm to 30 mm in one single layer.

TECHNICAL CHARACTERISTICS		Corresponds to the requirements according to NBN EN 13813
Compressive strenght	after 4 hours	± 9
	after 24 hours	± 17
	after 7 days	± 25
	after 28 days	(C30) ≥ 30
	after 4 hours	± 2
Flexural strenght	after 24 hours	± 4
	after 7 days	± 7
	after 28 days	(F7) ± 9
	after 24 hours (5 mm)	± 4% (*)

(*) = Carbide Method (CM)

Mixing ratio	Consumption	Packaging
± 5,5 l water per bag of 25 kg (± 22 %)	± 1,7 kg/mm ²	25 kg
Colours	Processing time	Application temperature
Brown-grey	± 30 min.	+ 5°C till + 30°C

Directions for use

1. The 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. Suitable substrates are floor slabs, rough concrete, elements in prefab-concrete, mortar layers, floors with floor heating (not in operation), old tiled floors, and the like.

Smooth substrates (for instance, polished concrete) must be roughened or sanded first. The product should not be used on floors that are constantly subjected to dampness or to upwelling moisture or on unstable floors, or outdoors.

2. Application

P.T.B.-EGALISER-EN-PLUS is made up with $\pm 22\%$ water, that is $\pm 5,5$ l of water per bag of 25 kg, depending on the desired consistency. Per bag of 25 kg, empty the required volume of water in a mortar tub and slowly and evenly add the dry levelling mortar quantity. With a slowly rotating mixer, blend the contents vigorously for 2 minutes until you achieve a homogeneous and lump-free mixture suitable for pouring mortar. Let the levelling mortar stand undisturbed for 2 minutes. Next, again stir the mixture vigorously. Next pour out the P.T.B.-EGALISER-EN-PLUS in strips along the floor. A light smoothing out with a hand puller, a equalizing float, or a pin roller may be desirable.

Remarks

- P.T.B.-EGALISER-EN PLUS is applied in 1 or 2 layers depending on the desired thickness of the layers. In case a second layer becomes necessary, apply it as soon as the first one has hardened.
- A P.T.B.-EGALISER-EN-PLUS layer's maximum total thickness is 30 mm.
- The processing temperature is from $+ 5^{\circ}\text{C}$ to $+ 30^{\circ}\text{C}$ (this applies to the surface as well to the ambient temperature around). Do not apply in direct exposure to sunlight.
- The processing time for P.T.B.-EGALISER-EN PLUS is 30 minutes at $+ 20^{\circ}\text{C}$. P.T.B.-EGALISER-EN PLUS is sensitive to the temperature: higher temperatures will shorten the processing time; lower temperatures will delay the readiness of the floor for use.
- P.T.B.-EGALISER-EN PLUS: protect against frost during the hardening time, also against rain, gusts of winds, and direct exposure to sunlight.
- P.T.B.-EGALISER-EN PLUS offers an ideal substrate for tile work, parquet, broadloom, cork, ...
- P.T.B.-EGALISER-EN PLUS may be left uncovered in locations of only light circulation (pedestrian traffic). P.T.B.-EGALISER-EN PLUS can be stepped on after 6 hours and is ready for covering after 24 hours (at $+ 20^{\circ}\text{C}$).
- P.T.B.-EGALISER-EN PLUS is a ready-made product. Do not add cement, plastic dispersions, sand, or other similar additives.
- Surface expansion joints must be retained in the levelling mortar's coating.

Packaging

P.T.B.-EGALISER-EN PLUS is available in bags of 25 kg. Each bag contains a polyethylene inner bag that is a guarantee for long-term keeping.

