



P.T.B.-MIX

Masonry mortar

0965		
POLYTECHNISCH BEDRIJF BVBA/SPRL – P.T.B.-COMPAKTUNA® INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM		
07		
017/CPR/180323 EN 998-2 P.T.B.-MIX Droge metselmortel voor normaal gebruik/Prestatiemortel/binnen en buiten Mortier à maçonner sec à usage courant/mortier performant/intérieur et extérieur Trocken Mauermörtel für allgemeine Verwendung/nach Eignungsprüfung/Innen und Außen Dry masonry mortar for normal use/performance mortar/internal and external use TYPE G		
Druksterkte/Compression/Druckfestigkeit/Compressive strength	Klasse/Classe	M15
Chloridgehalte/Teneur en Chlorures/Chloridgehalt/Contents of chloride		max. 0,02%
Brandveerstand/Resistance au feu/Brandverhalten/Reaction to fire		Euroclass A1
Waterabsorptie/Absorption d'eau/Wasseraufnahme/Water absorption	kg/m ² ·min ^{0,5}	0,19
Waterdampdoorlatendheid/Perméabilité à la vapeur d'eau/ Wasserdampfdurchlässigkeit/Water vapor permeability	μ	15/35 (TV)
Thermische geleidbaarheid/Conductivité thermique, Wärmeleitfähigkeit/Thermal conductivity	λ _{10, dry, mat}	0,82 W/m.K (TV, P=50%)
Volumieke massa/Masse Volumique/Dichte/Density	kg/m ³	1850 +/- 50



Characteristics



Ready-for use dry masonry mortar made up of purified and sifted sand, cement and aggregates of exceptional quality.

Besides a highly plastic workability and a high resistance, P.T.B.-MIX has the feature that after mixing with water the mortar stays homogeneous (there will be no accumulation of water on the mortar).

Due to its high compressive strength, P.T.B.-MIX is suitable for load-bearing masonry.

TECHNICAL CHARACTERISTICS	Corresponds to the requirements according NBN EN 998-2
Compressive Strength (after 28 days)	≥ 15 N/mm ² => M15
Initial Shear Strength (after 28 days)	≥ 5 N/mm ²
Water Retention	0,19 kg/m ² ·min ^{0,5}
Volumetric mass of mortar	ca. 2000 kg/m ³
Volumetric mass of hardened mortar	ca. 1850 kg/m ³
Thermal Conductivity (λ)	0,82 W/m.K (TV, P = 50%)
Sustainability (frost-thaw cycles)	ca. 30 N/mm ²

Mixing ratio	Consumption	Packaging
± 4 water per bag of 25 kg (± 16 %)	Depending on the size of stone and the width of joint	10 & 25 kg PE
Colours	Processing time	Application temperature
Grey	± 3h	+ 5°C till + 30°C

Directions for use

P.T.B.-MIX is produced with approximately 16% water i.e. about 4 L of water on 25 kg of product.

Protect dehydrating masonry against frost, precipitation, fierce wind and direct sun.

The works must be protected from cold, rain and wind.

Packaging

P.T.B.-MIX is available in grey colour in polyethylene bags of 25 kg and 10 kg. The shelf life is 12 months in the original, closed packaging and kept dry.

