

COMPAKTUNA®

P.T.B.- REFRACTAIRE-M

CE	
06	
COMPAKTUNA® BV/SRL INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM	
0965	
030/CPR/210331	
EN 998-2	
REFRACTAIRE MIX M40	
Dry masonry mortar for normal use/performance mortar/internal and external use TYPE G	
Compressive strength	Class M40
Water absorption	0,6 kg/m ² min ^{0,5}



Qualities

P.T.B.-REFRACTAIRE-M is a ready-to-use refractory mortar, that at the same time has faster bonding characteristics than a traditional mortar.

P.T.B.-REFRACTAIRE-M is used for building and jointing brick chimneys, fireplaces, barbecues, chimney pots, etc.

Refractory mortar



TECHNICAL PARAMETERS

Category and values
conform NBN EN 998-2

Compressive strenght (after 28 days)	≥ 50 N/mm ² => M30
Flexural strenght (after 28 days)	≥ 8 N/mm ²
Water absorption	0,6 kg/m ² .min ^{0,5}
Density mortar	ca. 2100 kg/m ³
Density hardened mortar	ca. 1975 kg/m ³
Thermal conductivity (λ)	1,07 W/m.K
Durability (freeze-thaw cycles)	ca. 25 N/mm ²

Mixing ratio

Masonry/ plastering: ± 3.75L to 5L water/ bag of 25 kg (15 to 20%). Grouting: ± 2.5L to 3.75L water/bag of 25 kg (10 to 15%).

Consumption

Masonry/plasterwork: ± 1.8 kg/mm/m² in powder.
Jointing: ± 250 g/running meter

Packaging

5 & 25 kg PE

Colours

Brown-grey

Processing time

Max. 45 min.

Application temperature

+ 5°C till + 30°C

P.T.B.-REFRACTAIRE-M

Directions for use

Use always a substrate that is clean and if necessary moisten it.
For masonry, P.T.B.-REFRACTAIRE-M is prepared with ± 15 to 20% water.
For jointing P.T.B.-REFRACTAIRE-M is prepared with ± 10 to 15% water.
After a few days of hardening, heating is applied gradually.

Remarks

- P.T.B.-REFRACTAIRE-M is a ready-to-use product. No cement, plastic dispersion, sand, pebbles or other additives may be added.
- P.T.B.-REFRACTAIRE-M can be used for applications up to + 550°C.

Packaging

P.T.B.-REFRACTAIRE-M is available in brown-grey in polyethylene bags of 25 kg and 5 kg. The shelf life is 12 months in the original, closed packaging and kept dry.

