



La brique de terre crue luxembourgeoise

Artisanal production | On site production
2024

GEOBLOC XS
GEOBLOC M
GEOBLOC L

Overall product description

Product type :
compressed raw earth brick [stabilised or not]

Manufacturer :
Geobloc [Luxembourg]

Application :
traditional mortared masonry

Uses :
load-bearing and non-load-bearing walls, partition walls,
lining walls, interior and exterior cladding

Technical data and properties

Dimensions : [length x width x height]
Geobloc XS : 220 x 105 x 60 [mm]
Geobloc M : 295 x 140 x 90 [mm]
Geobloc L : 335 x 160 x 90 [mm]

Compressive strengths : [from 40 days]
≥ 2 [N/mm²] - not stabilised
≥ 4 [N/mm²] - stabilised

Reaction to fire :
A1 [non-combustible]

Sound insulation [R_w [C;C_{tr}]:

edge brick thick wall	[thk. : 90 mm] :	45 dB [C=-1;C _{tr} =-3]	Geobloc M, L
half-brick thick wall	[thk. : 105 mm] :	45 dB [C=-1;C _{tr} =-6]	Geobloc XS
	[thk. : 140 mm] :	50 dB [C=-1;C _{tr} =-4]	Geobloc M
	[thk. : 160 mm] :	50 dB [C=-1;C _{tr} =-4]	Geobloc L
one-brick thick wall	[thk. : 220 mm] :	52 dB [C=-1;C _{tr} =-4]	Geobloc XS
	[thk. : 295 mm] :	60 dB [C=-1;C _{tr} =-6]	Geobloc M
one and a half-brick thick wall	[thk. : 335 mm] :	60 dB [C=-1;C _{tr} =-6]	Geobloc L
	[thk. : 340 mm] :	60 dB [C=-1;C _{tr} =-6]	Geobloc XS

Dry bulk density :
1.850 - 1.950 [kg/m³]

Thermal conductivity [λ] :
0,79 [W/mK]

Packaging and planning

Bricks quantity per pallet :
Geobloc XS : 420 bricks - 1.200 kg/pallet
Geobloc M : 168 bricks - 1.300 kg/pallet
Geobloc L : 126 bricks - 1.300 kg/pallet

Price and execution details :
Please consult us

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