



La brique de terre crue luxembourgeoise

Artisanal production | On site production

**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/mm<sup>2</sup>] - not stabilised  
≥ 4 [N/mm<sup>2</sup>] - stabilised

**Reaction to fire :**  
A1 [non-combustible]

### Sound insulation [R<sub>w</sub> [C;C<sub>tr</sub>] :

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

**Dry bulk density :**  
1.850 - 1.950 [kg/m<sup>3</sup>]

**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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