



La brique de terre crue luxembourgeoise

Industrial production | LU formats 2024

GEOBLOC NF GEOBLOC 2DF GEOBLOC 3DF

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 NF : 240 x 115 x 71 [mm]
Geobloc 2DF : 240 x 115 x 113 [mm]
Geobloc 3DF : 240 x 175 x 113 [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}]] :

half-brick thick wall	[thk. : 115 mm] :	45 dB [C=-1;C _{tr} =-6]
	[thk. : 175 mm] :	50 dB [C=-1;C _{tr} =-4]
one-brick thick wall	[thk. : 240 mm] :	52 dB [C=-1;C _{tr} =-4]
two-bricks thick wall	[thk. : 240 mm] :	52 dB [C=-1;C _{tr} =-6]
	[thk. : 360 mm] :	60 dB [C=-1;C _{tr} =-6]

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

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

Geobloc NF, 2DF
Geobloc 3DF
Geobloc NF, 2DF, 3DF
Geobloc NF
Geobloc 3DF

Packaging and planning

Bricks quantity per pallet :
Geobloc NF : 320 bricks - 1.300 kg/pallet
Geobloc 2DF : 200 bricks - 1.300 kg/pallet
Geobloc 3DF : 120 bricks - 1.300 kg/pallet

Price and execution details :
Please consult us

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