

TEXT FOR SPECIFICATIONS SHEET

Usage: ordinary exterior and / or interior masonry.

Thin-joint masonry using BENOR and CE certified blocks of expanded ground clay bars of grey cement and sand as per Belgian standard NBN B 21-001 and NBN EN 771-3 with an automatic dosage system incorporating thixotropic cement with weak chrome content (Cr VI < 2 ppm by weight of cement)

- **Texture:** Grained
- **Apparent dry volume mass of the block**
< 800 kg/m³ - ρ : 0,8

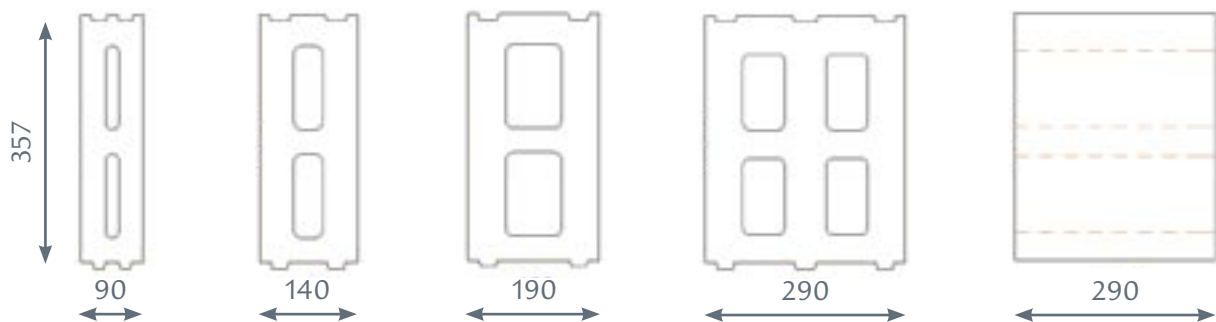
- **Average weight of the block (dry)**

9 cm	14 cm	19 cm	29 cm
≤ 9 kg	≤ 11 kg	≤ 14 kg	≤ 24 kg

- **Characteristic compression strength to full laying surface**

On hollow blocks : f_{bk} ≥ 3 Mpa – f₃ (except 9 cm non-supporting hollow blocks)

- **Dimensions**



- **Fire resistance (NBN 713-020 and EN 1365-1 :1999)**

Unceilinged wall (with load, except 9 cm) and open joints	9 cm	14 cm	19 cm
	FR : 105 minutes	FR : 281 minutes	FR : 333 minutes

- **Thickness of supporting walls, minimum**

14, 19 and 29 cm blocks: ≥ 50mm

9 cm blocks: ≥ 35mm

- **Permitted variations of individual dimensions**

Length: + 0/- 4 mm	Thickness: + 1/- 1 mm	Height: + 1 / - 1 mm
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- **Noise attenuation R_w**

(wall coated on both sides – thin 3 – 5 mm coating)

9 cm	14 cm	19 cm	29 cm
R _w =40 dB	R _w =44 dB	R _w =47 dB	R _w =51 dB

- **Thermal conductivity: λ in W/mK**

14 cm	19 cm	29 cm
0,247	0,285	0,266

- The blocks will be delivered on guaranteed pallets or lost pallets.
- The nature and finishes of the blocks must be checked prior to implementation.