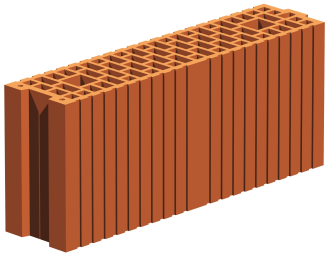
HELUZ 11,5 grinded brick

Use

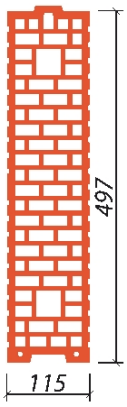
Bricks from a thickness of 175 mm for internal load-bearing walls, and bricks with thicknesses of 80, 115 and 140 mm for non-bearing walls, pits and retention walls.

Specifications



Manufacturing plant	Hevlín
Dimensions L x W x H (mm)	497 x 115 x 249
Compressive strength (N / mm2)	10
Bulk density (kg / m3)	725
Average weight inf.	10,7
Number of pieces per pallet	120
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1353

WALLS



Wall thickness (mm)	**115**
Bricks consumption per 1m2 (pcs)	8
Bricks consumption per 1m3 (pcs)	69,6
Consumption of SBC full-surface mortar / mortar (l / m2)	/
Consumption of SB ribbed mortar (l / m2)	1,2
Consumption of PU foam cartridges (pcs / m2)	10
Surface weight of walls with plasters (kg / m2)	124
Indicative labour intensiveness of masonry (Nh / m2)	SBC / foam 0,32 without scaffolding
Reaction to fire class	Euroclass A1
Fire resistance (EN 1996-1-2)	EI 120
Airborne sound insulation Rw	45 (-2;-5) s lepidlem

Technical heat specifications

Values when used Values at a wall humidity of 0%	mortar SB without plaster
Heat transfer coefficient "U" W / (m2K)	1,42
Thermal resistance "R" (m2K) / W	0,44
λ_U (W/mK)	0,259 practical

Other building physical values

ČSN EN 1745

diffusion resistance factor	μ 5/10
specific heat capacity of unplastered walls	c = 1,0 kJ/kg.K

Corner and lining binding