

HELUZ FAMILY 44 grinded brick

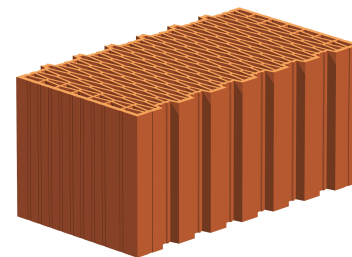


Use

For single-layer perimeter walls of passive, low-energy and energy-efficient buildings.

Specifications

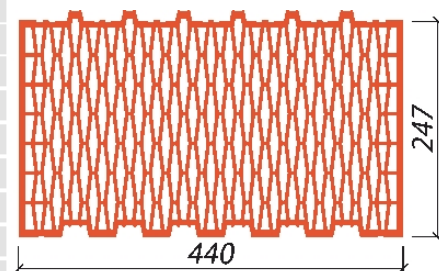
Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 440 x 249
Compressive strength (N / mm ²)	10
Bulk density (kg / m ³)	650
Average weight inf.	18
Number of pieces per pallet	72
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1365



WALLS

Wall thickness (mm)	440
Bricks consumption per 1m ² (pcs)	16
Bricks consumption per 1m ³ (pcs)	36,4
Consumption of SBC full-surface mortar / mortar (l / m ²)	6,7 /
Consumption of SB ribbed mortar (l / m ²)	4,4
Consumption of PU foam cartridges (pcs / m ²)	5
Surface weight of walls with plasters (kg / m ²)	329
Indicative labour intensiveness of masonry (Nh / m ²)	SBC 1,08 / foam 0,65 without scaffolding
Reaction to fire class	Euroclass A1
Fire resistance (EN 1996-1-2)	REI 180
Airborne sound insulation Rw	40

informative value



Technical heat specifications

Values when used	mortar	SB C	TO exterior: 40 mm + 5 mm cover stucco, plaster interior: 10 mm plaster VC
Values at a wall humidity of 0%			
Heat transfer coefficient "U" W / (m ² K)	0,17		
Thermal resistance "R" (m ² K) / W	5,68		
λ _U (W/mK)	0,087	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

