

HELUZ FAMILY 50 grinded brick

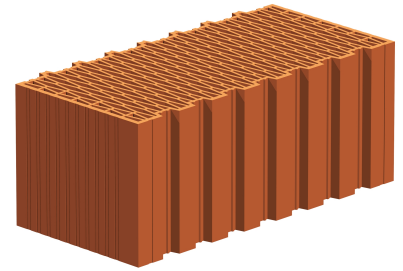


Use

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

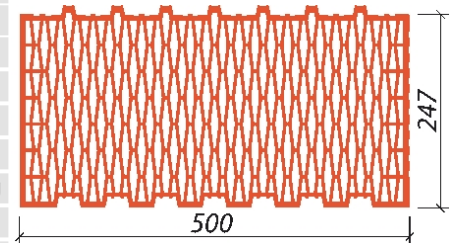
Specifications

Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 500 x 249
Compressive strength (N / mm ²)	8
Bulk density (kg / m ³)	640
Average weight inf.	19,7
Number of pieces per pallet	60
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1247



WALLS

Wall thickness (mm)	500
Bricks consumption per 1m ² (pcs)	16
Bricks consumption per 1m ³ (pcs)	32
Consumption of SBC full-surface mortar / mortar (l / m ²)	7,6 /
Consumption of SB ribbed mortar (l / m ²)	5
Consumption of PU foam cartridges (pcs / m ²)	5
Surface weight of walls with plasters (kg / m ²)	364
Indicative labour intensiveness of masonry (Nh / m ²)	SBC 1,17 / foam 0,72 without scaffolding
Reaction to fire class	Euroclass A1
Fire resistance (EN 1996-1-2)	REI 180
Airborne sound insulation Rw	43 (-1;-3)



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)		0,14	
Thermal resistance "R" (m ² K) / W		7,10	
u (W/mK)		0,081	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

