

# HELUZ FAMILY 25 2in1 grinded brick

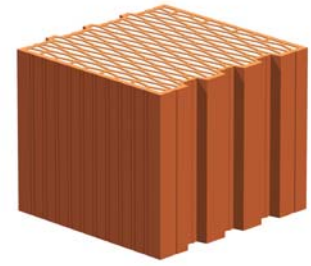


## Use

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

## Specifications

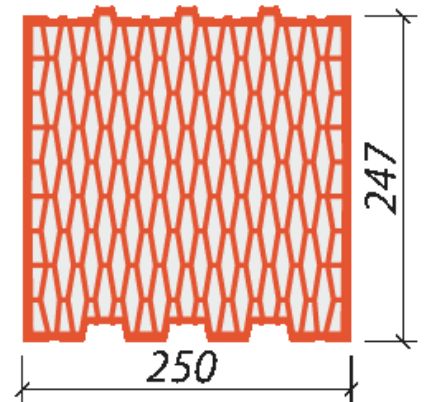
Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 250 x 249
Compressive strength (N / mm <sup>2</sup> )	10
Bulk density (kg / m <sup>3</sup> )	670
Average weight inf.	9,7
Number of pieces per pallet	120
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1229



## WALLS

Wall thickness (mm)	<b>250</b>
Bricks consumption per 1m <sup>2</sup> (pcs)	16
Bricks consumption per 1m <sup>3</sup> (pcs)	64
Consumption of SBC full-surface mortar / mortar (l / m <sup>2</sup> )	3,8 /
Consumption of SB ribbed mortar (l / m <sup>2</sup> )	
Consumption of PU foam cartridges (pcs / m <sup>2</sup> )	5
Surface weight of walls with plasters (kg / m <sup>2</sup> )	157
Indicative labour intensiveness of masonry (Nh / m <sup>2</sup> )	SBC / foam without scaffolding
Reaction to fire class	
Fire resistance (EN 1996-1-2)	REI 15 DP1/30 DP3
Airborne sound insulation Rw	37

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 <sup>2</sup> K)	0,26	
Thermal resistance "R" (m <sup>2</sup> K) / W	3,74	
$\lambda_U$ (W/mK)	0,083	practical

## Other building physical values

ČSN EN 1745

diffusion resistance factor measured value	$\mu$ 9,7
specific heat capacity of unplastered walls	c = 1,0 kJ/kg.K

## Corner and lining binding