

# HELUZ FAMILY 30 grinded brick

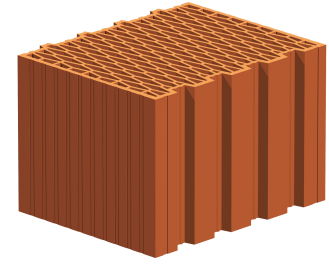


## Use

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

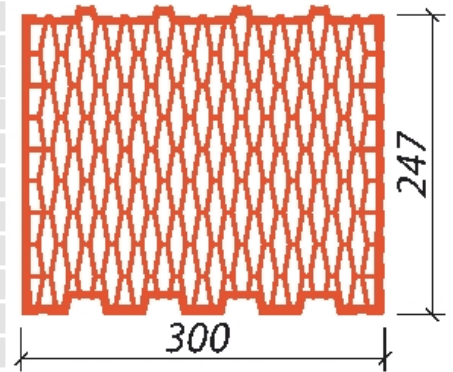
## Specifications

Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 300 x 249
Compressive strength (N / mm <sup>2</sup> )	10
Bulk density (kg / m <sup>3</sup> )	670
Average weight inf.	12,4
Number of pieces per pallet	96
Pallet	118x105 palette
Dispatch pallet weight avg. inf.	1256



## WALLS

Wall thickness (mm)	<b>300</b>
Bricks consumption per 1m <sup>2</sup> (pcs)	16
Bricks consumption per 1m <sup>3</sup> (pcs)	53,3
Consumption of SBC full-surface mortar / mortar (l / m <sup>2</sup> )	4,6 /
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> )	241
Indicative labour intensiveness of masonry (Nh / m <sup>2</sup> )	SBC / foam without scaffolding
Reaction to fire class	Euroclass A1
Fire resistance (EN 1996-1-2)	REI 90
Airborne sound insulation Rw	39



informative value

## Technical heat specifications

Values when used	mortar SBC	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)	0,25	
Thermal resistance "R" (m <sup>2</sup> K) / W	3,78	
u (W/mK)	0,093	practical

## Other building physical values

diffusion resistance factor	SN EN 1745	$\mu$ 5/10
specific heat capacity of unplastered walls		c = 1,0 kJ/kg.K

## Corner and lining binding

