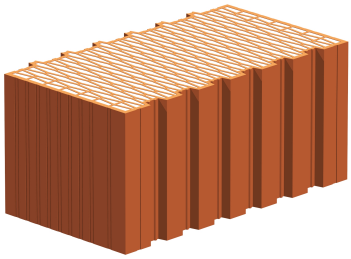
HELUZ FAMILY 44 2in1 grinded brick

Use

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

Specifications

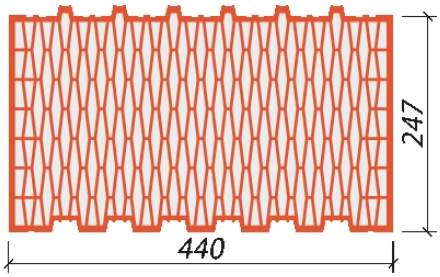


Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 440 x 249
Compressive strength (N / mm2)	10
Bulk density (kg / m3)	660
Average weight inf.	18
Number of pieces per pallet	72
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1365

WALLS

Wall thickness (mm)	**440**
Bricks consumption per 1m2 (pcs)	16
Bricks consumption per 1m3 (pcs)	36,4
Consumption of SBC full-surface mortar / mortar (l / m2)	6,7 /
Consumption of SB ribbed mortar (l / m2)	
Consumption of PU foam cartridges (pcs / m2)	5
Surface weight of walls with plasters (kg / m2)	324
Indicative labour intensiveness of masonry (Nh / m2)	SBC 1,10 / foam 0,66 without scaffolding
Reaction to fire class	
Fire resistance (EN 1996-1-2)	REI 30 DP1/90 DP3
Airborne sound insulation Rw	41

informative value

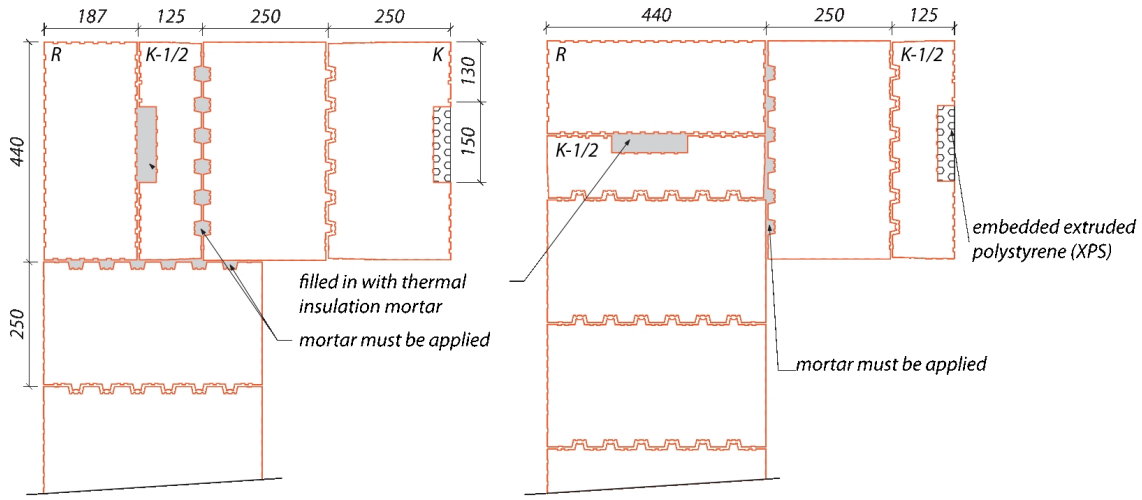


Technical heat specifications

Values when used Values at a wall humidity of 0%	mortar SB C	TO exterior: 40 mm + 5 mm cover stucco, plaster interior: 10 mm plaster VC
Heat transfer coefficient "U" W / (m2K)	0,13	
Thermal resistance "R" (m2K) / W	7,84	
λ_U (W/mK)	0,061 practical	

Other building physical values

ČSN EN 1745

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

Corner and lining binding