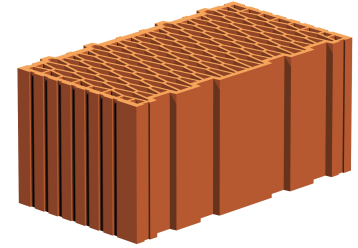


## Use

For single-layer perimeter walls of energy-efficient buildings and masonry with external contact insulation.

## Specifications

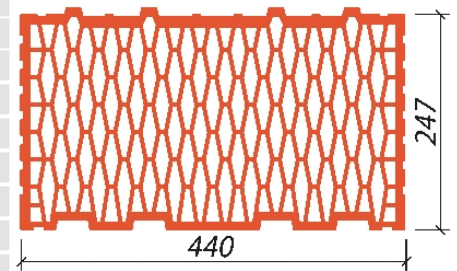
Manufacturing plant	Hevlín II.
Dimensions L x W x H (mm)	247 x 440 x 238
Compressive strength (N / mm <sup>2</sup> )	10
Bulk density (kg / m <sup>3</sup> )	600
Average weight inf.	16,5
Number of pieces per pallet	72
Pallet	134x105 palette
Dispatch pallet weight avg. inf.	1254



## WALLS

Wall thickness (mm)	<b>440</b>
Bricks consumption per 1m <sup>2</sup> (pcs)	16
Bricks consumption per 1m <sup>3</sup> (pcs)	36,4
Consumption of SBC full-surface mortar / mortar (l / m <sup>2</sup> )	/ 42
Consumption of SB ribbed mortar (l / m <sup>2</sup> )	
Consumption of PU foam cartridges (pcs / m <sup>2</sup> )	
Surface weight of walls with plasters (kg / m <sup>2</sup> )	315
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 180
Airborne sound insulation Rw	47

informative value



## Technical heat specifications

Values when used	mortar TM	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)	0,22	
Thermal resistance "R" (m <sup>2</sup> K) / W	4,41	
u (W/mK)	0,115	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

