

HELUZ FAMILY 38 grinded brick

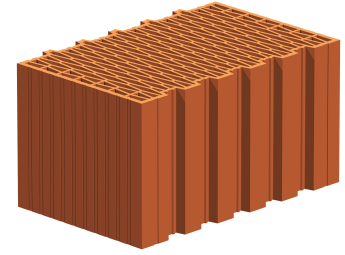


Use

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

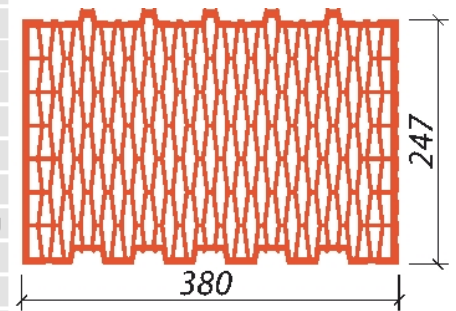
Specifications

| | |
|---|-----------------|
| Manufacturing plant | Hevlín II. |
| Dimensions L x W x H (mm) | 247 x 380 x 249 |
| Compressive strength (N / mm ²) | 10 |
| Bulk density (kg / m ³) | 640 |
| Average weight inf. | 15,4 |
| Number of pieces per pallet | 72 |
| Pallet | 118x105 palette |
| Dispatch pallet weight avg. inf. | 1172 |



WALLS

| | |
|---|--|
| Wall thickness (mm) | 380 |
| Bricks consumption per 1m ² (pcs) | 16 |
| Bricks consumption per 1m ³ (pcs) | 42,1 |
| Consumption of SBC full-surface mortar / mortar (l / m ²) | 5,3 / |
| Consumption of SB ribbed mortar (l / m ²) | 4,8 |
| Consumption of PU foam cartridges (pcs / m ²) | 5 |
| Surface weight of walls with plasters (kg / m ²) | 286 |
| Indicative labour intensiveness of masonry (Nh / m ²) | SBC 0,95 / foam 0,58 without scaffolding |
| Reaction to fire class | Euroclass A1 |
| Fire resistance (EN 1996-1-2) | REI 120 |
| Airborne sound insulation Rw | 40 (-1;-3) |



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 ² K) | 0,19 | |
| Thermal resistance "R" (m ² K) / W | 5,11 | |
| u (W/mK) | 0,089 | practical |

Other building physical values

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

Corner and lining binding

