

ORTHOBLOCK K120



UNITS /
PALETTE:
96

EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM

EPD[®]
CLIMATE DECLARATION



Vertically Perforated Clay Brick, for use in protected masonry, Category II, certified according to EN 771-1:2011+A1:2015.

TECHNICAL DATA

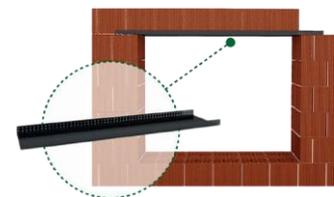
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|--|------------------|
| Masonry | Non-Load Bearing |
| Dimensions (LxWxH) (mm) | 380x120x240 |
| Weight per Unit (kg/unit) | 9,5 |
| Masonry Thickness (mm) | 120 |
| Units/m ² | 11 |
| Estimated Masonry Weight (kg/m ²) without mortar | 104,50 |
| Gross Dry Density (kg/m ³) | 870 |
| Net Dry Density (kg/m ³) | 1.900 |
| Mean Compressive Strength (perpendicular to bed face) (N/mm ²) | 12 |
| Thermal Conductivity Coefficient $\lambda_{10,dry,unit}$ (W/mK) | 0,2172 |
| Sound Reduction Index R_w (dB) | 43 ** |
| Water Vapour Permeability μ | 5 / 10 |
| Durability against freeze/thaw | F0 |
| Reaction to Fire | A1 |

SUPPLEMENTARY PRODUCTS



**BONDING MORTAR
OPΘOBLOCK BOND**
(paper bag of 25kg)

Coverage:
6,0-9,0 m² masonry per bag *



METAL LINTEL

Unit's Width: 12cm

* The above coverage of **OPΘOBLOCK BOND** is indicative and it is the result of laboratory and on site measurements. It includes only horizontal joints 3mm thick (vertical joints in non-load bearing masonries built with **OPΘOBLOCK** are not required).

**Laboratory Measurement