

ORTHOBLOCK K100



UNITS /
PALETTE:
160

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

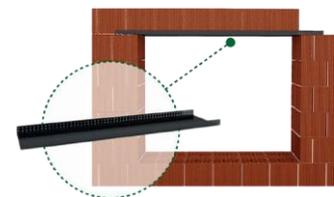
Masonry	Non-Load Bearing
Dimensions (LxWxH) (mm)	250x100x240
Weight per Unit (kg/unit)	5,35
Masonry Thickness (mm)	100
Units/m ²	16
Estimated Masonry Weight (kg/m ²) without mortar	85,60
Gross Dry Density (kg/m ³)	895
Net Dry Density (kg/m ³)	1.900
Mean Compressive Strength (perpendicular to bed face) (N/mm ²)	10,5
Sound Reduction Index R _w (dB)	42 **
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:
6,5-9,5 m² masonry per bag *



METAL LINTEL

Unit's Width: 10cm

* 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