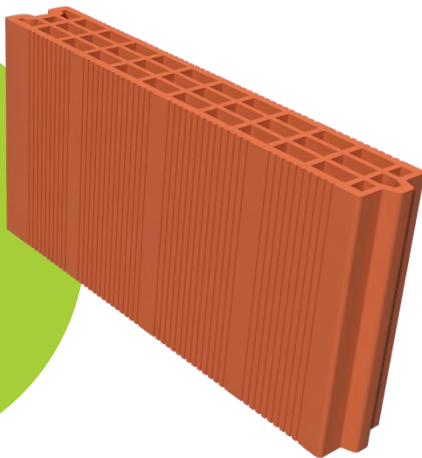


# ORTHOBLOCK MK80



UNITS /  
PALETTE:  
**96**

**EPD**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM

**EPD**<sup>®</sup>  
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)	500x80x240
Weight per Unit (kg/unit)	8,20
Masonry Thickness (mm)	80
Units/m <sup>2</sup>	8
Estimated Masonry Weight (kg/m <sup>2</sup> ) without mortar	65,60
Gross Dry Density (kg/m <sup>3</sup> )	855
Net Dry Density (kg/m <sup>3</sup> )	1.900
Mean Compressive Strength (perpendicular to bed face) (N/mm <sup>2</sup> )	9
Thermal Conductivity Coefficient $\lambda_{10, dry, unit}$ (W/mK)	0,1739
Sound Reduction Index $R_w$ (dB)	40 **
Water Vapour Permeability $\mu$	5 / 10
Durability against freeze/thaw	F0
Reaction to Fire	A1

\* 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).

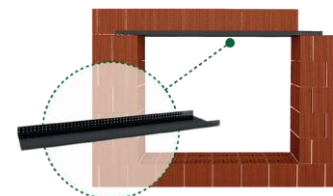
\*\* Calculated Measurement

## SUPPLEMENTARY PRODUCTS



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

Coverage:  
7,0-10,0 m<sup>2</sup> masonry per bag \*



**METAL LINTEL**

Unit's Width: 8cm