

**NORTHERN GREECE CERAMICS S.A.**

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**25****EN 771-1:2011+A1:2015****ORTHOBLOCK MK80**

**Vertically Perforated Clay Masonry unit P, for use in protected masonry,  
 Category II**



DOP Reference No	MK80-25	
Length	500	mm
Width	80	mm
Height	240	mm
Dimentional tolerance	T1	
Range category	R1	
Flatness of bed faces	≤1	mm
Plane parallelism of bed faces	≤1	mm
Configuration	As in attached drawing	
Gross dry density	855	kg/m <sup>3</sup>
Net dry density	1900	kg/m <sup>3</sup>
Density tolerance	D1:10	%
Mean compressive strength (perpendicular to bed face)	9,0	N/mm <sup>2</sup>
Category	II	
Bond strength (Tabulated value acc.to EN 998-2 Annex C)	0,30	N/mm <sup>2</sup>
Thermal conductivity $\lambda_{10,dry,unit}$ (P3)	0,1739	W/mK
Water vapour permeability $\mu$	5/10	
Durability against freeze/thaw	F0	
Water absorption	NPD	
Active soluble salt content	S0	
Reaction to fire : Euroclass	A1	
Dangerous substances	NPD	

**Particular conditions applicable to the use:**

Cutting with power tools may generate dust. People undertaking works of this nature are advised to wear suitable personal protective equipment (PPE)

