

**NORTHERN GREECE CERAMICS S.A.**

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**KEBE**

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**09****EN 771-1:2011+A1:2015****ORTHOBLOCK K 100****Vertically Perforated Clay Masonry unit P, for use in protected masonry, Category II**

DOP Reference No	K100-25	
Length	250	mm
width	100	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	895	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)	10,5	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 - λeq (Method P3)	NPD	W/mK
Water vapour permeability μ	5/10	
Durability	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. This dust will contain silica or quartz particulate which may constitute a hazard. People undertaking works of this nature are advised to wear dust masks FFP3 (EN 149).

