

**NORTHERN GREECE CERAMICS S.A.**

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KOTHALI

**KEBE**

NORTHERN GREECE CERAMICS

19**EN 771-1:2011+A1:2015****ORTHOBLOCK MK250****Vertically Perforated Clay Masonry unit P, for use in protected masonry,
Category II**

| | | |
|---|------------------------|-------------------|
| DOP Reference No | MK250-25 | |
| Length | 380 | mm |
| Width | 250 | mm |
| Height | 240 | mm |
| Dimensional 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 | 700 | kg/m ³ |
| Net dry density | 1900 | kg/m ³ |
| Density tolerance | D1:10 | % |
| Mean compressive strength (perpendicular to bed face) | 8,5 | N/mm ² |
| Category | II | |
| Bond strength (Tabulated value acc.to EN 998-2 Annex C) | 0,30 | N/mm ² |
| Thermal conductivity $\lambda_{10,dry,unit}$ (P3) | 0,2061 | W/mK |
| Thermal conductivity $\lambda_{equ,design,masonry}$ (with 3mm mortar joints) | 0,2284 | W/mK |
| Water vapour permeability μ | 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)

