



ΕΠΙΧΕΙΡΗΣΕΙΣ ΜΕΛΙΟΣ & ΠΑΦΙΤΗΣ ΛΤΔ

T.Θ 12520, 2250 ΛΑΤΣΙΑ, ΛΕΥΚΩΣΙΑ

06

02/2 - CPR:01/07/2013

CYS EN771-1:2011 + A1:2015

MP002/2 (THERMOBRICK 7)

P UNIT FOR USE IN PROTECTED MASONRY – CATEGORY II

DIMENSIONS	LENGTH 300mm, WIDTH 250mm, HEIGHT 200mm, CLAY MASONRY UNIT, CATII
DIMENSIONAL TOLERANCES	TOLERANCE CATEGORY: Tm, LENGTH ± 20 mm, WIDTH ± 12.5 mm, HEIGHT ± 10 mm RANGE CATEGORY: NPD FLATNESS: NPD PLANE PARALLELISM: NPD
CONFIGURATION	AS IN DRAWING BELOW
COMPRESSIVE STRENGTH	MEAN VALUE: 1.2 N/mm ² (\perp BEDFACE) CATII
DIMENSIONAL STABILITY	MOISTURE MOVEMENT: NPD
BOND STRENGTH	FIXED VALUE: 0.15 N/mm ²
ACTIVE SOLUBLE SALTS CONTENT	"Category S0"
REACTION TO FIRE	EUROCLASS A1
WATER ABSORPTION	NOT TO BE LEFT EXPOSED
WATER VAPOUR PERMEABILITY	5/10
DIRECT AIRBOURNE SOUND INSULATION	GROSS DRY DENSITY: (D1) 780 Kg/m ³ CONFIGURATION: AS ABOVE THERMAL CONDUCTIVITY: $\lambda = 0.203$ W/mK (λ_{10} , DRY UNIT, P4 (EN1745:2012) DURABILITY AGAINST FREEZE/THAW: Category F0 – NOT TO BE LEFT EXPOSED DANGEROUS SUBSTANCES: NO DANGEROUS SUBSTANCES PERCENTAGE OF VOIDS: MAX. ALLOW 60%
BRICK DESIGN	<p>The drawing shows two views of a brick. The left view is a side profile showing a rectangular brick with a height of 200mm and a length of 300mm. The right view is a top-down perspective of a perforated brick. It shows a grid of rectangular holes. The overall width is 250mm and the height is 200mm. The holes are arranged in a staggered pattern. Dimensions for the holes and the brick's thickness are provided: hole width is 110mm, hole height is 110mm, and the brick thickness is 110mm. The distance between the centers of adjacent holes is 110mm.</p>