

PARET-ONE

PARET - ONE® IS THE TRIPLE LAYER PRODUCT FOR INSULATION OF VERTICAL WALLS BETWEEN HOUSING UNITS

CE MARKED PRODUCT



TECHNICAL CHARACTERISTICS

- **Weight:** 16 Kg/m²
- **Thermal conductivity:**
 - wood fiber layer with thickness of 19 mm, density 250 Kg/m³: λ 0,044 W/mK
 - layer plasterboard 12,5 mm: λ 0,21 W/mK
 - fiberglass layer with thickness 20 mm, density 85 Kg/m³: λ 0,042 W/mK
- **Soundproofing:**
 - theoretical data with the product in a gap between two 8 cm holes and one layer coat of 15 mm per side: R_w 60 dB
 - data surveyed on the work site with the product in a gap between 12 cm holes without interior or exterior coat, rough construction, and 8 cm holes, with coat but with various kitchen plant designs (electrical outlets, plumbing, drains, etc.) R_w 54 dB
- **Reaction to fire:** Wood fiber panel euroclass E, Plasterboard A2-s1, d0, Fiberglass A2-s1, d0

COMPOSITION Try-layer product composed by:

	A Wood fiber panel D. 250 Kg/m ³ , 19 mm
	B Plasterboard 12,5 mm
	C Fiberglass D. 85 Kg/m ³ , 20 mm

MATERIAL

Paret-One® is a try-layer product, achieved by combining a layer of wood fiber, a layer of plasterboard and a layer of fiberglass.

FIELDS OF APPLICATION

It is widely used in partitions, where a high level of soundproofing together with good thermal insulation characteristics is required. The high level of soundproofing characteristics of the product make it the best choice for divisor walls between housing units.

INSTALLATION

Paret-One® boards have to be installed with the utmost care, paying attention to the continuity of the panel. Paret-One® is installed by bonding to the existing walling, fastened using FORTECEM dB+ cement mortar. Once the installation has been completed it is possible to proceed with building a second perforated brick cladding wall.

STANDARD DIMENSIONS

Width: 1200 mm

Length: 2000 mm

Thickness: 52 mm