



ISOLMANT QUOTAZERO



Elasticised polystyrene foam sheets with added graphite, thickness 22 mm, for the soundproofing and thermal insulation of floor slabs. Also available in the version which is 52 mm thick, composed of a 22 mm sheet coupled with a 30 mm sheet made of polystyrene foam with added graphite, not elasticised.

Lay with the 22 mm sheet facing downwards.

22 mm (also available in the QuotaZero White version without graphite)
52 mm (product with overlapping flaps on 4 sides)

$s' = 38 \text{ MN/m}^3$ (refers to the 22 mm layer)

$\lambda = 0,032 \text{ W/mK}$ ($\lambda = 0,035 \text{ W/mK}$ or the White version)

Thickness 22 mm: $R_t = 0,69 \text{ m}^2\text{K/W}$ - $R_t = 0,63 \text{ m}^2\text{K/W}$ for the White version
Thickness 52 mm: $R_t = 1,62 \text{ m}^2\text{K/W}$

Class of compressibility: CP2 < 2 mm (refers to the 22 mm layer)
Resistance to compression: 100 KPa (refers to the 30 mm layer)

1 m x 0.5 m (h x L) panels (for the 22 mm version)
1 m x 1 m panels (for the 52 mm version)

packs of 27 panels (for the 22 mm version)
packs of 11 panels (for the 52 mm version). Overlapping flaps on 4 sides.

THICKNESS

DYNAMIC STIFFNESS

THERMAL CONDUCTIVITY

THERMAL RESISTANCE

COMPRESSION

FORMAT

PACK

isolmant QuotaZero

WARNING:

Before starting casting the finishing screed, it is necessary to lay a waterproof PE film with a minimum thickness of 150 microns above the layer of Isolmant QuotaZero. It is not advisable to use screeds which are less than 5 centimetres thick as these are exposed to a high risk of cracking.

FIELDS OF USE

Isolmant QuotaZero is recommended for the soundproofing and thermal insulation of floor slabs, in particular in all cases where it is necessary to achieve a good level of soundproofing against impact noise, at the same time ensuring a high level of thermal resistance. The thermal characteristics of Isolmant QuotaZero are suitably calibrated to reach the limit values of thermal transmittance in the case of the floor slabs of unheated areas such as garages, cellars, arcades.

SPECIFICATION

EPS elasticised sheet with added graphite, 22 mm thick (sheet with overlapping flaps, composed of EPS-T 22 mm + EPS 30 mm with added graphite, total thickness 52 mm) for the soundproofing and thermal insulation of floors at sea level. Dynamic stiffness $s' = 38 \text{ MN/m}^3$; CP2 (thickness: 22 mm) $\lambda = 0,32 \text{ W/mK}$; resistance to steam diffusion μ 30-50. Before starting casting the screed, lay a waterproof PE film with a minimum thickness of 150 microns above the insulating layer.

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