

ACOUSTIC INSULATION
SUBFLOORING
WITHOUT LEAD LAYER
FOR UNDERFLOORS

Phonopav 600 EPDM Eco

Phonopav 600 EPDM Eco is a low thickness acoustic insulation solution supplied in rolls, consisting of a layer of cross-linked polyethylene foam coupled with a soundproof membrane with a high ECO EPDM mass.

Phonopav 600 EPDM Eco is an underfloor acoustic insulation solution with a soundproof function for airborne noise, thanks to an ECO EPDM membrane and impact function provided by the elasticity of the cross-linked polyethylene.

High flexibility characteristics and a greatly reduced thickness make Phonopav 600 EPDM Eco an extremely versatile product for other uses.

To eliminate sound transmission, the product features a selvage joint on the two longer sides, ensuring the overlapping of the membrane.

Item specifications

The dampening soundproof layer is achieved through the supply and installation of a material consisting of a layer of cross-linked, closed cell dry air polyethylene foam coupled to a membrane of ECO EPDM insulation.

The material features a selvage seam along the entire length, ensuring the overlapping of the membrane; weight not less than 2,40 kg/m².

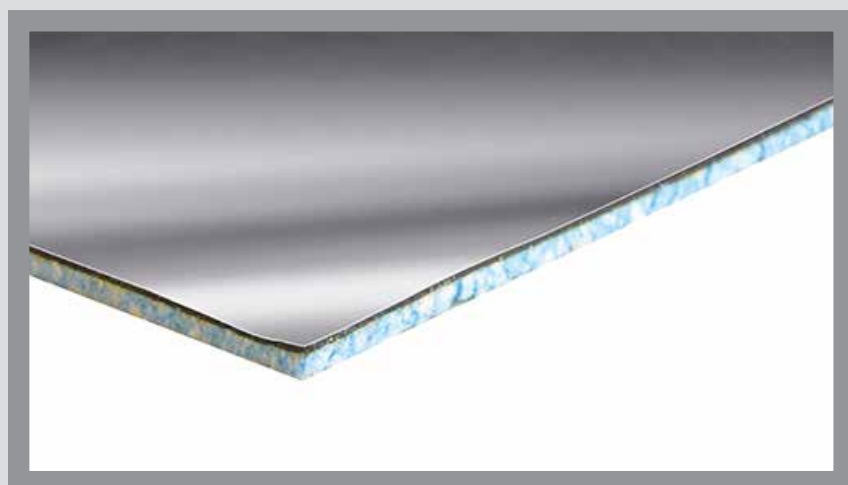
The material must be accompanied by a certificate of origin.

□ Phonopav 600 EPDM Eco
thickness 6,5 mm - by Thermak
m² €/m²

SPECIFICATIONS	UM	VALUE
ROLL DIMENSIONS	m	1.05 x 6.00
PRODUCT THICKNESS	mm	6.5 (± 10%)
HEAT RESISTANCE ISO 13786/6946	m ² K/W	0.36
WATER VAPOR DIFFUSION RESISTANCE EN 12086	μ	10.000
INSULATING POLYMERIC MEMBRANE MASS	kg/m ²	1.80 (± 10%)
RESILIENT MEMBRANE IN POLYURETHANE AGGLOMERATE MASS	kg/m ²	0.60 (± 10%)
TOTAL MASS	kg/m ²	2.40 (± 10%)
IMPROVEMENT AGAINST IMPACT EN UNI 12354-2 cement screed 150 kg/m ²	dB	AL _{wn} = 36
Lnw UNI 140-7	dB	concrete slab = 90 insulated concrete slab = 54
DYNAMIC STIFFNESS S' ISO 29052/1	MN/m ³	27
COMPRESSIBILITY *	CP	1
CREEP UNI EN 1606**	mm	0.15
STRESS COMPRESSION DEFORMATION 20% ISO 3386/1	kPa	20

* Internal laboratory test

** Zlab Italia laboratory certificate



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