

ANTI-IMPACT NOISE

AKUSTIK® - PE

MATERIAL

L'Akustik®-PE is a chemically cross-linked polyethylene with a cell-closed structure, density 33 Kg/m³, high compression resistant material with a reduced permanent deformation (on request physically cross-linked available).

This product can be supplied with a protective embossed black film on one side to increase its tensile strength and resistance to impacts, or with an aluminium coating to improve its heat reflecting power.

FIELDS OF APPLICATION

Akustik®-PE is widely used as intermediate layer between the underfloor and the floor to avoid footfalls noises. It is a very good product for floating floors and parquets.

Akustik®-PE is also an excellent heat and sound insulator for casings, channellings and plant engineering in general.

INSTALLATION

Akustik®-PE features a flexible matrix which facilitates cutting to size and therefore it can be easily shaped.

The product can be supplied with one self-adhesive side to facilitate application.

The adhesivation of the product is not a definitive bonding and does not guarantee the seal, it simply facilitates the installation if supported by glue.

CROSS-LINKED EXPANDED POLYETHYLENE WITH CELL-CLOSED STRUCTURE FOR SOUND AND THERMAL INSULATION



STANDARD DIMENSIONS

Thickness: mm 3, 5, 10 (Any other on request)

Height: 1080/1500 mm 3 mm thick, 1500 mm 5 and 10 mm thick

Length: mtl 150 th. mm 3; mtl 100 th. mm 5; mtl 50 th. mm 10; Other on request.

TECHNICAL CHARACTERISTICS

- **Color:** charcoal grey
- **Reaction to fire:** F, (on request B-s1,d0)
- **Thermal conductivity:** $\lambda = 0,035 \text{ W/mK}$
- **Density:** 33 Kg/m³
- **Thermal resistance:** -80 + 100°C