

AKUSTIK® - PE

MATERIAL

Akustik® k -PE is a chemically cross-linked polyethylene with a cell-closed structure, density 33 Kg/m³, high compression resistant material with a reduced permanent set (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.

DIMENSIONS

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

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

Length: 150 m 3 mm thick; 100 m 5 mm thick; 50 m 10 mm thick; Others on request.

FIELDS OF APPLICATION

Akustik® k -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 thermal 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 selfadhesive side to facilitate application.

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



PHYSICAL PROPERTIES

- **Color:** grey anthracite
- **Reaction to fire Self-extinguishing:** CL 1 on request
- **Thermal conductivity:**
 $\lambda = 0,035 \text{ W/mK}$
- **Density:** 33 kg / m³
- **Resistance to temperature:** -80 + 100°C

REACTION TO FIRE

CL1 on request.

