

AKUSTIK® - PE



MATERIAL

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 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.

STANDARD FORMATS

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

Height:

1008/1500 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

CROSS-LINKED

EXPANDED

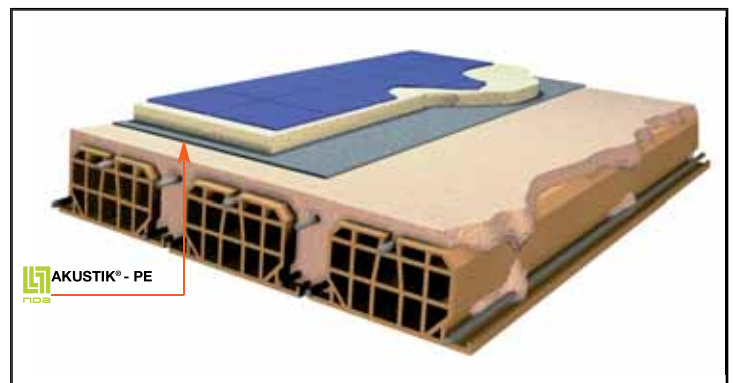
POLYETHYLENE

WITH CELL-CLOSED

STRUCTURE FOR

SOUND AND

HEAT INSULATION



REACTION TO FIRE

CL 2 self-extinguishing material, colour deep grey. CL 1 colour pale grey on request.

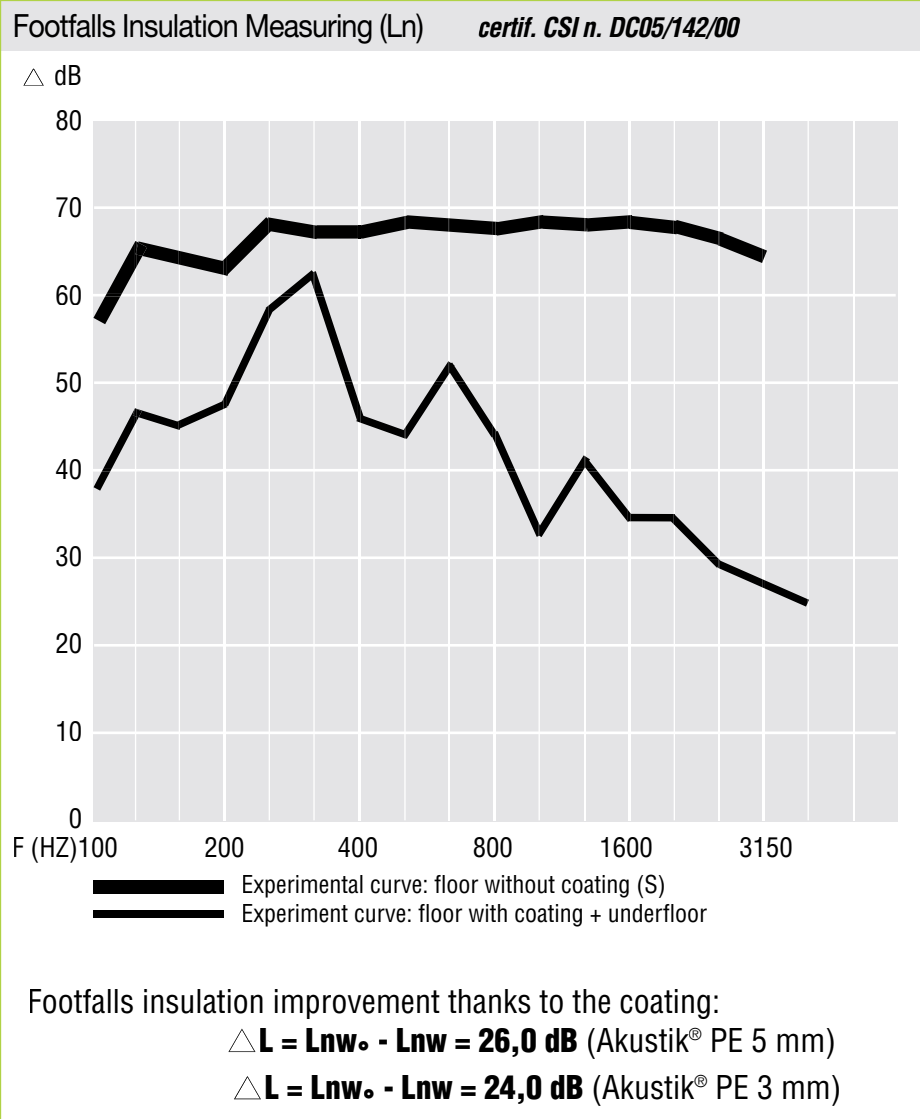
FIELDS OF APPLICATION

Akustik®-PE is widely used as intermediate layer between the underfloor and the floor to avoid foot-falls 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.



PHYSICAL PROPERTIES

- Adhesive: Acrylic water-based
- Colour: Grey anthracite
- Reaction to fire: Self-extinguishing, CL 1 on request
- Thermal conductivity: $\lambda = 0.0329 \text{ W/mK}$
- Density: 33 Kg/m^3
- Resistance to temperature: $- 80^\circ\text{C} + 100^\circ\text{C}$
- Thickness: from 3 mm on