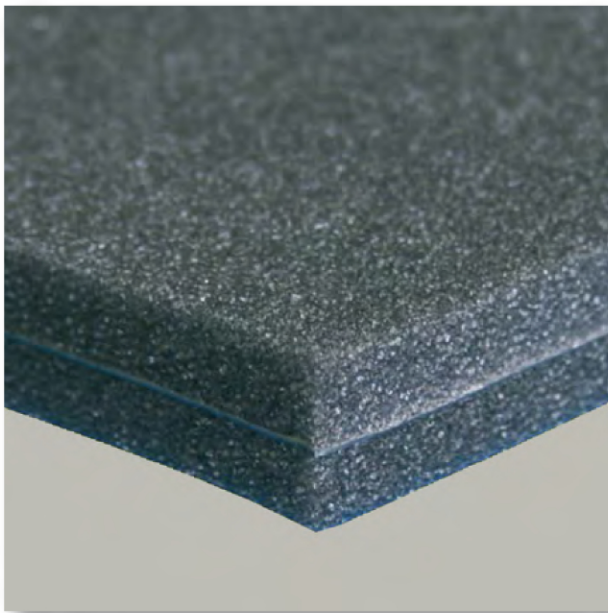


AKUSTIK® - METAL SLIK ART. 1

POLYURETHANE FOAM SOUND-INSULATING
PANEL WITH INTERMEDIATE LEAD SHEET LAYER



STANDARD DIMENSIONS

Panels: mm 1000 x 1000; mm 1000 x 3000

Thickness: mm 20 - 30 - 40. Other on request.

TECHNICAL CHARACTERISTICS

- **Polyurethane density:** 35 Kg/m³
- **Lead thickness:** 0,35 / 0,50 mm
- **Sound insulation values:** Certified $R_w = 29,0$ dB
- **Reaction to fire:** polyurethane HF1 (to UL94)

COMPOSITION

Try-layer product composed by:

- | | |
|--|--|
| | A Flat 10, 20 or 30 mm thick polyurethane |
| | B Lead 0,35, 0,50 mm |
| | C Flat 10, 20 or 30 mm thick polyurethane |

MATERIAL

Combination of two layers of polyester-based polyurethane foam, density 35 Kg/m³ separated by a lead sheet with 0,35/0,50 mm thickness to absorb medium and low frequencies. Resistant to temperatures from -10°C to +90°C.

FIELDS OF APPLICATION

Used for sound insulated walls where the reflecting power of lead needs to be combined with a certain absorption power of the polyurethane. Insulation of spaces, engine housings, partition walls, ceilings, machinery garages, compartment linings, etc. Whenever protection from external agents such as oil, grease, dust, and water is required, the panel can be supplied in versions with a protective film applied to the surface.

INSTALLATION

Using NDA KOLL adhesive on the flat and curved surfaces of any kind, provided they are free of dust, oil and grease. In the case of ceiling applications the use of special fixing devices is recommended. The product can also be supplied with self-adhesive surfaces 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.