LEAD AND EPDM INSULATION

AKUSTIK® - GUM FOAM

THE SOUND-ABSORBING PROFILED PRODUCT IN EXPANDED POLYURETHANE WITH INTERMEDIATE EPDM LAYER

TECHNICAL CHARACTERISTICS

- **Material:** open-cell polyester-based polyurethane foam
- **Density:** 35 Kg/m^3
- **Thermal conductivity coefficient:** 0,029 Kcal/m h°C
- **Thermal resistance:** -10 +90°C
- **Surface appearance:** profiled
- **Dimensions:** panels mm 1000 x 1000 (other on request)
- **Thickness:** mm 30 - 40 - 60, etc.
- **Basic color:** dark grey
- **Theoretical sound reduction index** Rw = 30,0 dB
- **Reaction to fire:** polyurethane HF1 (to UL94); EPDM B- s3, d0

COMPOSITION

Try-layer product composed by:

A Profiled polyurethane
B EPDM
C Flat polyurethane

MATERIAL

Akustik®-Gum Foam is the combination of two open cell polyurethane polyester-based layers with a density of 35 Kg/m^3, with an EPDM layer variable mass of 4 or 5,5 Kg/m^2; resistant to temperatures from - 10°C to +90°C. Product completely bitumen free.

FIELDS OF APPLICATION

Akustik®-Gum Foam, thanks to its lead sheet layer, is a very good sound-insulating and sound-absorbing product. In fact, its acoustic absorption is increased by its profiled polyurethane. Akustik®-Gum Foam is largely used for the sound insulation of fixed or moveable walls, ceilings, soundproofed machinery cabins, boxes and in general wherever an excellent acoustic absorption is required.

INSTALLATION

The product presents itself in rolls or panels and it can be easily cut and shaped. It can be installed with NDA KOLL glue, on flat and curved surfaces, provided they are free of dust, oil and grease. For the application to ceilings we recommend the use of specific fixings. Akustik®-Gum Foam 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.

STANDARD DIMENSIONS

Width: mm 1000

Length: mm 1000 - 2000

Thickness: mm 30 - 40 - 60
Other dimensions on request.

Dimensions tolerance: to DIN 7715 standard, Part 2.