

GUARTOFON® REFLATEK® ALM PU

PRODUCT DESCRIPTION

Conduit insulation sheet made of synthetic heavy layer material combined with aluminium mesh inside and aluminium foil outside. The back contains 5 or 10mm of flexible elastomeric polyurethane foam.

REFLATEK® ALM PU is a product designed to be bendable like a sheet of lead but without lead! It is extremely pliant and it does not have the tendency to spring back. REFLATEK® ALM PU is lead and bitumen free and does not contain substances hazardous to human health and the environment. Fully compliant with GADSL regulations.

GUARTOFON® REFLATEK® ALM PU is a patented product and a registered trademark.

APPLICATIONS AND SECTORS OF USE:

Their special sound insulation characteristics make this an excellent product for traditional applications in the building industry, eg. acoustic insulation of floors, brick walls and plasterboards.

GUARTOFON® REFLATEK® ALM PU has been developed to reduce the noise emitted through rain-water and sewage pipes. In addition, the material has a good thermal insulation properties an excellent sound insulating effect on all kinds of product transmission lines.

USES

The material can be applied on both flat and curved surfaces. It can be die cut. It is easily cut with a normal cutter or scissors. For good insulation it is important to ensure that the heavy layer are properly aligned to each other and/or that they overlap. Tape off cross and lengthwise seams with aluminium tape.

STANDARD DIMENSIONS and WEIGHT

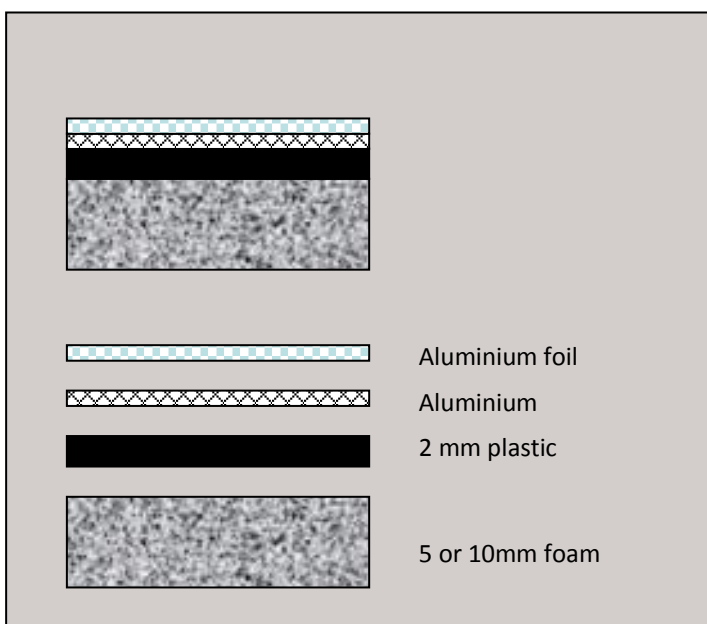
Sheet 1000x2000 mm

Thickness 7,5 to 12,5mm

Basic weight: 4,2- 4,4 Kg/m²

The sheets have rolled separately and are packaged in a box

Other dimensions and combinations can be supplied on request.



SOUND INSULATION

RW 27 to 29 dB (theoretical)

FIRE-classification

Standard execution: EN 13501.1 fire class C (indicative, not certified) and according to FMVSS 302.

RESISTANCE TO LIQUIDS

The sheeting is resistant to water, weather and UV rays.

TEMPERATURE RESISTANCE

The plate in a static position withstands temperatures between -40°C and 100°C.

THERMAL INSULATION

Thermal conductor coefficient $\lambda = \text{ca. } 0,0385 \text{ W/mK}$.

STANDARD COLOURS

Black and aluminium other side.

DISCLAIMER

The recommendations and information listed in this product sheet are shown as complete and accurate as possible, but offer no guarantees. Check and perform your own test.