

## 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

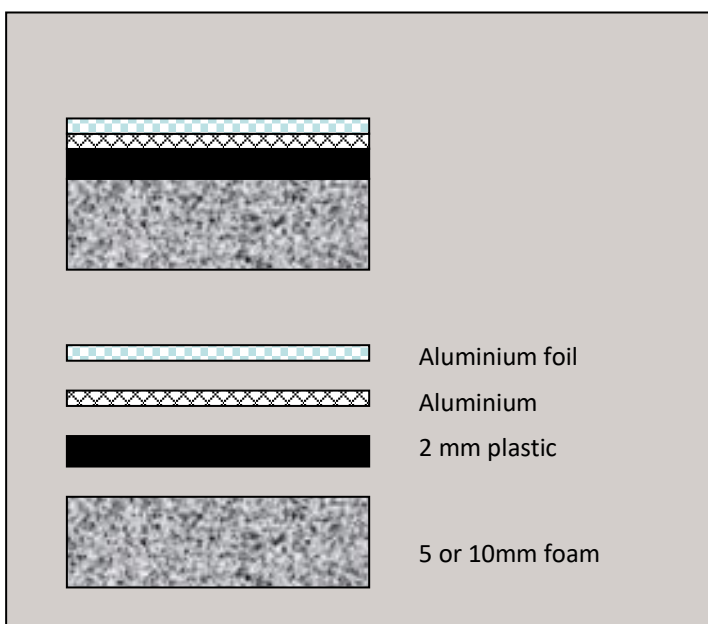
Sheet 1000x2000 mm

Thickness 7,5 to 12,5mm

Basic weight: 4,2- 4,4 Kg/m<sup>2</sup>

The sheets have rolled separately and are packaged in a box

**Other dimensions and combinations can be supplied on request.**



ST Standard Reflatek ALM PU rev 02 English

**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.

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