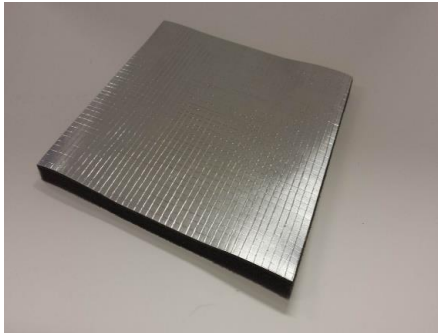


SOUND INSULATION

SONIMASS – flexible sound-insulating ground sheet



SONIMASS	Weight	Thickness
ALU GRP - 30µm	4.3 kg/m ²	12 mm
ALU B - 30µm	4.3 kg/m ²	12 mm
ALU - 30µm	4.3 kg/m ²	12 mm

Characteristics

Sonimass is a flexible sound-insulating ground sheet consisting of 30 µm aluminium foil, 1.6 mm flexible plastic ground sheet (fully recyclable), 10 mm polyether foam.

Properties

- Excellent airborne sound insulation
- Favourable impact noise insulation
- Easy to cut with a (Stanley) knife (or with industrial scissors)
- Anti-condensing due to vapour-proof layer
- Elongation at fracture 90 %
- Coefficient of thermal conductivity = approx 0.0385 W/mK
- Colour: Reinforced aluminium, smooth or black
- Applicable from -30 to 65 °C

Application

Rainwater pipes and sewer pipes
 Air ducts and pipes
 T pieces in the utility building, offices and residential buildings
 Air-conditioning systems
 Heating systems
 Plastic pipes

Processing

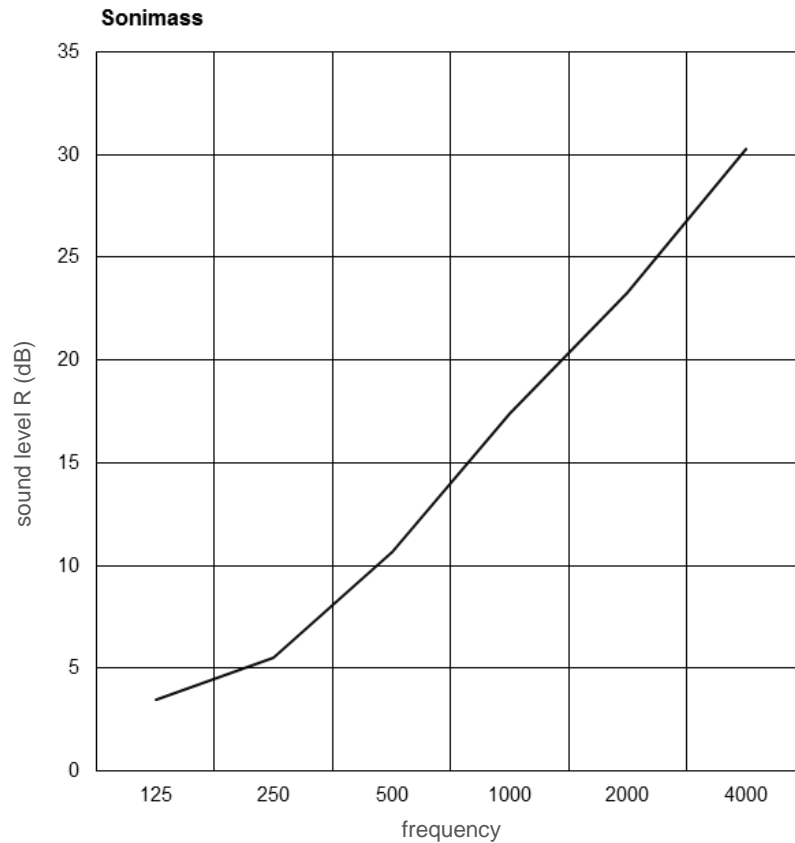
Wrap around duct or pipe, if necessary mask off with aluminium tape
 Mask off seams with aluminium tape
 Make sure the sheets of the material match properly or, even better, with an overlap of at least 30 mm

Dimensions

1000 x 2000 mm sheets, (on rolls)
 Also available with black aluminium or reinforced aluminium foil
 Weight and thickness, see table above

AIRBORNE SOUND INSULATION

Insulation material : SONIMASS ALU
 Measured in accordance with : EN 14366:2004



Sonimass measuring results			
Volume flow in l/s	Standardised sound level Ln,A in dB(A)		Reduction in dB(A)
	Without facing	With facing	
0.5	56.0	< 31.0	25.0
1.0	62.0	< 37.0	25.0
2.0	63.5	< 41.0	22.5
3.0	65.0	43.0	22.0
4.0	65.5	44.0	21.5
Average			23.0