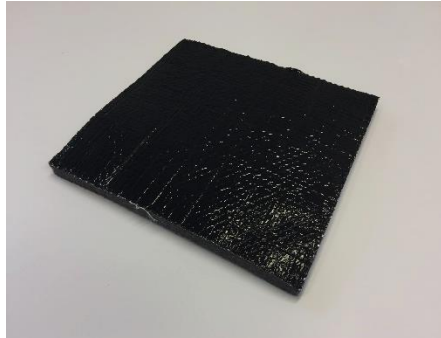


SOUND INSULATION

SONIMASS – flexible sound-insulating mass layer



SONIMASS	Weight	Thickness
GRID ALU B - 30µm	4,3 kg/m ²	12 mm
GRID ALU B	: Alu grid + Black Aluminium foil	

Characteristics

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

Properties

- Excellent airborne sound insulation
- Very flexible and form stable (like lead)
- Easy to cut with a (Stanley) knife or with industrial scissors
- Anti-condensing due to vapor-proof mass layer ($\mu \geq 90.000$)
- Coefficient of thermal conductivity 0.0385 W/mK
- Color: black
- Applicable from -30 to 80 °C
- Fire class: B-s₂-d₀ (EN 13501-1)
- Halogen free

Application

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

Processing

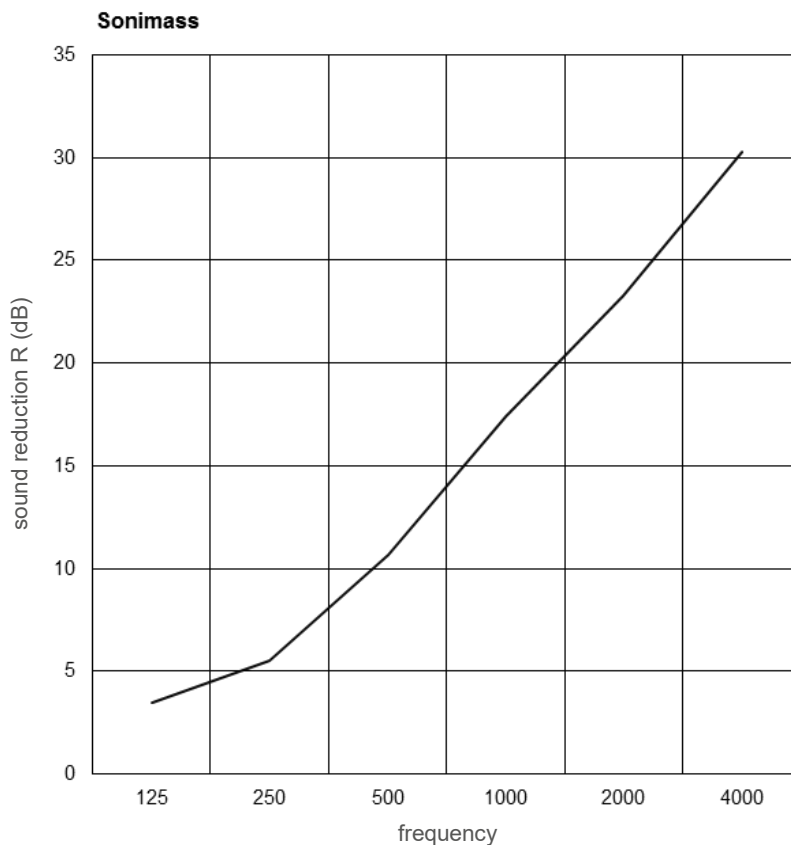
Wrap around duct or pipe, if necessary fasten with aluminium tape. Secure with steel wire.
Cover seams with aluminium tape
Make sure the sheets of the material align properly or, even better, with an overlap of at least 30 mm (follow the steps on the application sheet)

Dimensions

1000 x 2000 mm sheets, (on rolls)
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	Standardized sound level Ln,A in dB(A)		Reduction in dB(A)
	Without covering	With covering	
0.5	59,0	40,0	19,0
1.0	62,0	42,0	20,0
2.0	65,5	47,0	18,5
3.0	68,5	50,0	18,5
4.0	69,5	52,0	17,5
Average			18,7

* Report Peutz A 1347 (2012)



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DISCLAIMER
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