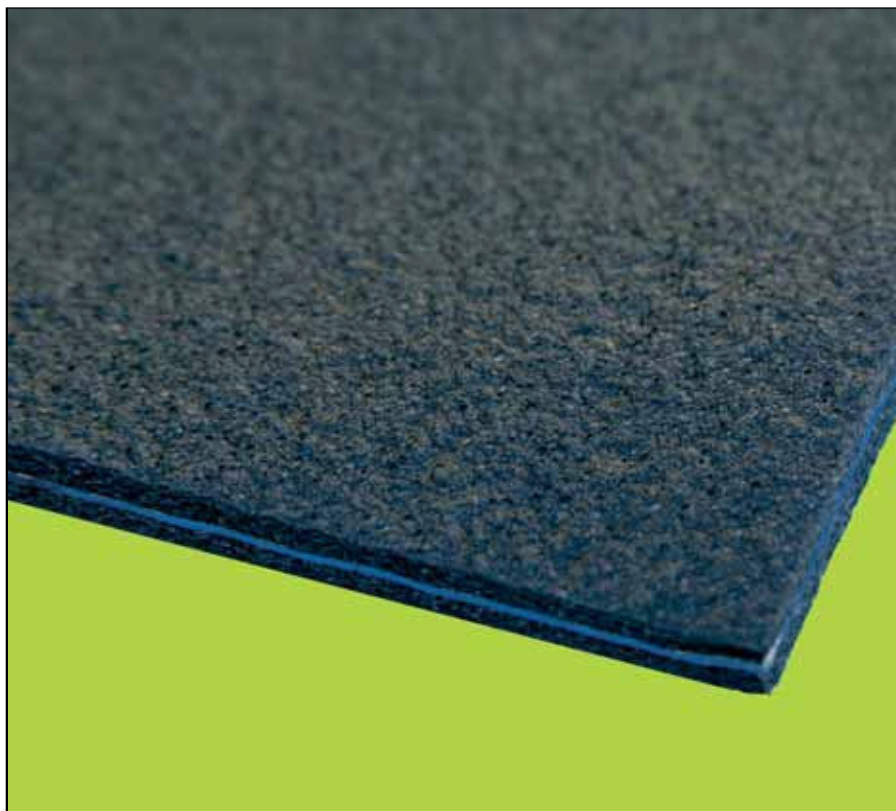


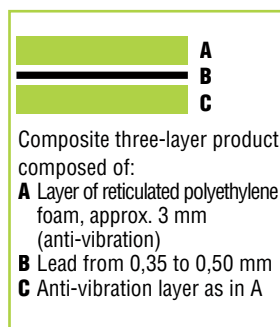
AKUSTIK® - METAL SLIK Art. 6



MATERIAL

Combination of two layers of impermeable reticulated polyethylene foam separated by a 0.35 - 0.50 mm thick lead sheet to absorb low and high frequencies.

STANDARD FORMATS



STANDARD SIZE

Length: 3000 mm

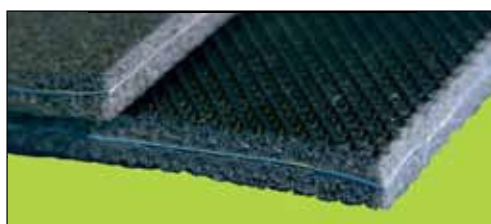
Width: 1000 mm

Thickness: 6 mm.

Other thicknesses and formats available on request.

Size tolerance to M4 DIN 7715 standard, Part 2.

RETICULATED
POLYETHYLENE
FOAM
SOUND-INSULATING
PANEL WITH
INTERMEDIATE
LEAD SHEET
LAYER



REACTION TO FIRE

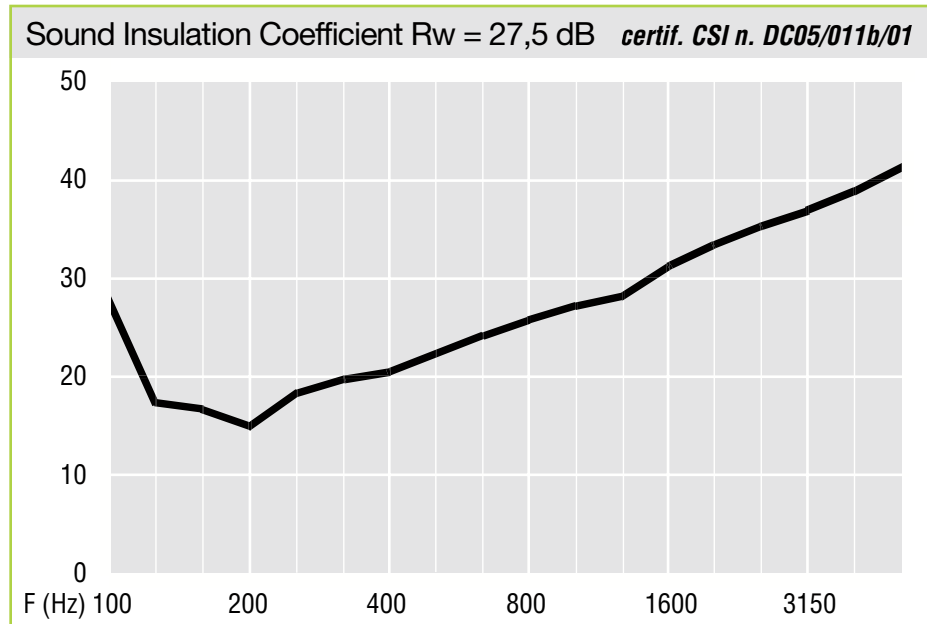
Class 2 (self-extinguishing).
On request Class 1 to CSE RF/2/75/A and CSE RF 3/77 standards. DIN 75200 MVSS 302 standard.

FIELDS OF APPLICATION

Insulation of rooms, engine compartments, piping, floors, partition walls, machinery, conduits in general, etc. Recommended in particular when water or oil particles, etc are present in the vicinity of the panel. Suitable for use as under flooring in civil constructions when it is desired to prevent sound entering or leaving a given environment. Whenever the technical specification calls for greater protection from external agents such as oil and grease etc., the product can be supplied with a protective film applied to the surface. The anti-vibration layers consist of highly flexible foam with high resistance to compression.

INSTALLATION

Use NDA Koll glue on flat and curved surfaces of any kind (free of dust, oil and grease) The product can also be supplied with self-adhesive surface to facilitate application.



Surface area of test element = 1.00 m²
L1= mean level of sound pressure in disturbing chamber
L2= mean level of sound pressure in disturbed chamber
D = **L1 - L2** = acoustic insulation

T = mean reverberation time in disturbed chamber
F = $10 \log (S \cdot T) / (0.15 \cdot V)$
R = **D + F** - sound insulation power
 Volume of disturbed chamber = 83.00 m³

Frequency	background	L1	L2	D	T	F	R
Hz	dB	dB	dB	dB	sec	dB	dB
100	22,40	80,20	45,60	34,6	1,07	-8,0	26,6
125	23,70	77,20	53,70	23,5	1,75	-5,9	17,6
160	24,80	78,60	56,40	22,2	2,14	-5,0	17,2
200	23,30	80,30	58,70	21,6	1,43	-6,8	14,8
250	23,90	81,20	55,70	25,5	1,35	-7,0	18,5
315	18,00	83,80	57,30	26,5	1,45	-6,7	19,8
400	12,10	83,20	56,00	27,2	1,34	-7,1	20,1
500	10,20	83,70	55,40	28,3	1,58	-6,3	22,0
630	8,50	87,00	56,50	30,5	1,44	-6,7	23,8
800	6,30	84,60	52,80	31,8	1,38	-6,9	24,9
1000	4,90	84,00	49,80	34,2	1,26	-7,3	26,9
1250	3,50	82,30	46,00	36,3	1,13	-7,8	28,5
1600	3,60	81,70	43,00	38,7	1,17	-7,6	31,1
2000	4,30	81,90	40,90	41,0	1,07	-8,0	33,0
2500	5,00	82,60	38,80	43,8	1,03	-8,2	35,6
3150	5,70	82,30	36,10	46,2	0,84	-9,1	37,1
4000	6,50	82,80	34,10	48,7	0,81	-9,2	39,5
5000	7,20	83,00	31,80	51,2	0,69	-9,9	41,3
dB(A)	21,40	94,2	60,8	33,4	1,36	-7,0	26,4