

	Value	Unit
Bulk density (EN ISO 29470)	225	kg/m ³
	14	lb/ft ³
Compressive strength (EN ISO 29469)	2.6	MPa
	377	psi
Total porosity (EN 993-1)	91	%
Water vapour transmission, μ (EN 12086)	3	
Short term water absorption (EN ISO 29767)	28	kg/m ²
	5.73	lb/ft ²
Thermal conductivity (EN 12667), $\lambda_{23,50}$	0.068	W/(m×K)
	0.039	BTU/(h×ft×°F)

Sound reduction index ($R_w(C;C_{tr})$)	Thickness		
	25mm	25 (-2;-4)	dB
	60mm	27 (-1;-3)	dB

Thermal resistance	Thickness	R	
	25mm	0.37	(m ² ×K)/W
	50mm	0.74	(m ² ×K)/W
	100mm	1.47	(m ² ×K)/W
	0.98in	2.09	(ft ² ×h×°F)/BTU
	1.97in	4.18	(ft ² ×h×°F)/BTU
	3.94in	8.35	(ft ² ×h×°F)/BTU

Fire classification (EN 13501-1 + A1)	A1	
HS Tariff number (Harmonized Commodity Description and Coding System)	6806.90.00	
Colour	Grey	

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted. Revision number: 7.12.2023

Skamol Group

Hasselager Centervej 1, 8260 Viby, Denmark

Tel.: +45 97 72 15 33

www.skamol.com



Size	Length	Width	Thickness
Maximum	2,440mm	1,220mm	105mm
Minimum	According to your specification	According to your specification	20mm
Standard tolerances*	Up to ± 2.5 mm	Up to ± 2.5 mm	Up to ± 1.5 mm
Machined tolerances*	Up to ± 2.5 mm	Up to ± 2.5 mm	Up to ± 1.0 mm

*Dimensional tolerances depend on length and width

General information

Not all size combinations are available for ordering.

Contact Skamol for the tolerance for a specific size.

Standard sizes

Check your Skamol price list or contact Skamol with your request.

Machining

Special shapes machined to customer specification can be supplied for specific design requirements.

Packaging

Products will be packed according to the Skamol standard.



Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted. Revision number: 7.12.2023

Skamol Group

Hasselager Centervej 1, 8260 Viby, Denmark

Tel.: +45 97 72 15 33

www.skamol.com

Acoustic performance (25mm)

Frequency in Hz	100	125	160	200	250	315	400	500	630	800	1,000	1,250	1,600	2,000	2,500	3,150	4,000	5,000
R in dB	9.2	11.8	10.6	13.6	18.9	21.7	17.3	21.8	20.1	23.9	26.7	28.3	27.0	25.8	27.1	29.6	31.5	30.9

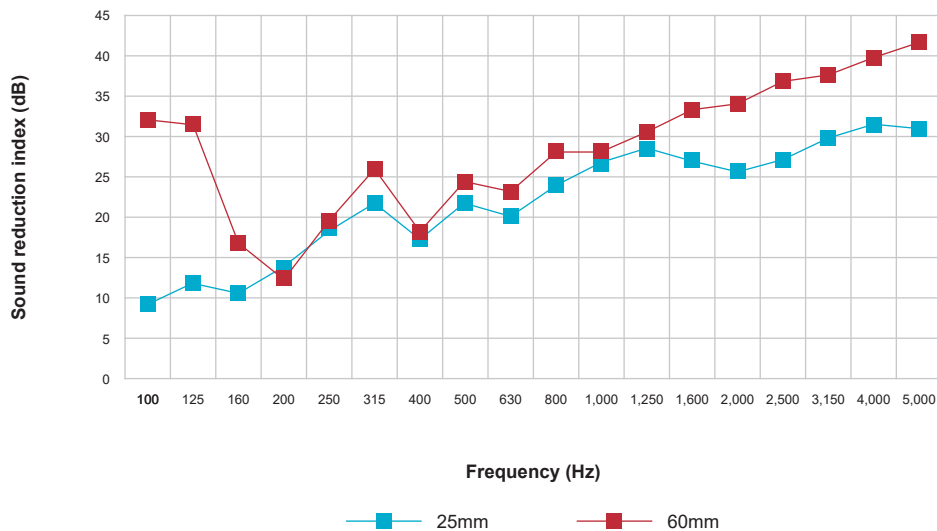
Acoustic performance (60mm)

Frequency in Hz	100	125	160	200	250	315	400	500	630	800	1,000	1,250	1,600	2,000	2,500	3,150	4,000	5,000
R in dB	32.1	31.6	16.8	12.4	19.5	26.5	18.2	24.5	23.1	27.1	28.1	30.5	33.3	34.1	36.8	37.6	39.8	41.6

Tested to EN ISO 10140-1, EN ISO 10140-2, EN ISO 10140-4

Rating according to EN ISO 717-1

Report no. RA-ACO0650



Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted. Revision number: 7.12.2023