

	Value	Unit
Bulk density (EN ISO 29470)	225	kg/m <sup>3</sup>
	14	lb/ft <sup>3</sup>
Compressive strength (EN ISO 29469)	2.6	MPa
	377	psi
Total porosity (EN 993-1)	91	%
Water vapour transmission, $\mu$ (EN 12086)	3	
Short term water absorption (EN ISO 29767)	28	kg/m <sup>2</sup>
	5.73	lb/ft <sup>2</sup>
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 <sup>2</sup> ×K)/W
	50mm	0.74	(m <sup>2</sup> ×K)/W
	100mm	1.47	(m <sup>2</sup> ×K)/W
	0.98in	2.09	(ft <sup>2</sup> ×h×°F)/BTU
	1.97in	4.18	(ft <sup>2</sup> ×h×°F)/BTU
	3.94in	8.35	(ft <sup>2</sup> ×h×°F)/BTU

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

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## Skamol Group

Hasselager Centervej 1, 8260 Viby, Denmark

Tel.: +45 97 72 15 33

[www.skamol.com](http://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 $\pm 2.5$ mm	Up to $\pm 2.5$ mm	Up to $\pm 1.5$ mm
Machined tolerances*	Up to $\pm 2.5$ mm	Up to $\pm 2.5$ mm	Up to $\pm 1.0$ 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.



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## 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

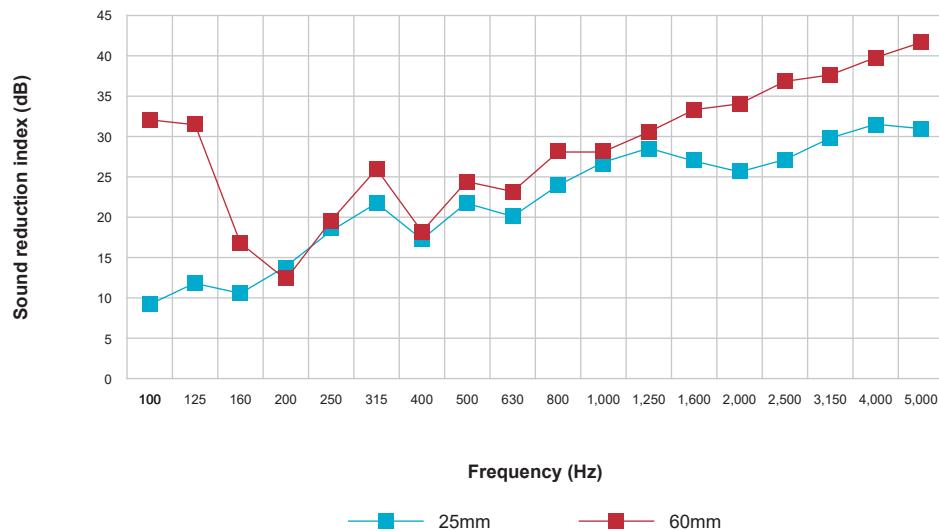
## Acoustic performance (60mm)

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



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