

# Skamol Covering Board 250

Building

	Value	Unit
Non-combustibility tests (EN 13501-1 + A1)	Class A1	
Horizontal and vertical fire protection covering (EN 13501-2)	K <sub>e</sub> 60	
Bulk density	250	kg/m <sup>3</sup>
	16	lb/ft <sup>3</sup>
Board weight (47mm thickness)	11.8	kg/m <sup>2</sup>
	2.4	lb/ft <sup>2</sup>
Compressive strength (EN ISO 29469)	2.8	MPa
	406	lb/in <sup>2</sup>
Modulus of rupture (EN 993-6)	1.3	MPa
	189	lb/in <sup>2</sup>
Total porosity (EN 1094-4)	90	%
Dimension stability under specified temp. and humidity conditions (EN 1604) at 23°C, 90% RH, 4 hours	0.0	%
Thermal conductivity (EN 12667), $\lambda_{10(\text{average})}$	0.073	W/(m×K)
	0.042	BTU/(h×ft×°F)
<b>Sound reduction index (<math>R_w(C;C_{tr})</math>)</b>	Thickness	
	60mm	28 (-1;-3) dB
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

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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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## Skamol Group

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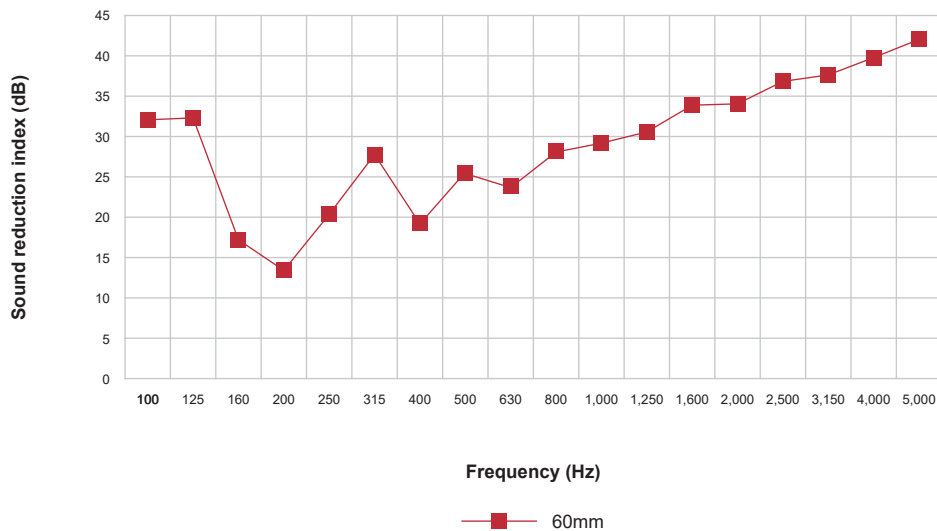
[www.skamol.com](http://www.skamol.com)



## 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	32.0	32.3	17.2	13.4	20.3	27.8	19.4	25.3	23.7	28.1	29.0	30.4	33.7	34.3	37.0	37.6	39.6	42.0

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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