

# Skamol Door Board 225

Building

	Value	Unit
Non-combustibility tests (EN 13501-1 + A1)	Class A1	
Bulk density	225	kg/m <sup>3</sup>
	14	lb/ft <sup>3</sup>
Board weight (25mm thickness)	5.6	kg/m <sup>2</sup>
	1.2	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)	1.4	MPa
	203	lb/in <sup>2</sup>
Total porosity (EN 1094-4)	91	%
Coefficient of reversible thermal expansion at 20°C to 750°C (68°F to 1,382°F)	5.5	×10 <sup>-6</sup> K <sup>-1</sup>
	3.1	×10 <sup>-6</sup> F <sup>-1</sup>
Tensile strength (EN 1607)	610	kPa
	88.47	lb/in <sup>2</sup>
Dimension stability under specified temp. and humidity conditions (EN 1604) at 23°C, 90%RH, after 8 hours	0.0	%
Thermal conductivity (EN 12667), $\lambda_{10(\text{average})}$	0.068	W/(m×K)
	0.039	BTU/(h×ft×°F)
<b>AS 1530:4 (in multiple configurations)</b>		
Firedoor	30/30	
<b>Listings USA and Canada</b>		
Positive Pressure Cat. A Mineral Core Fire Door	45-90	minutes
Positive Pressure Cat. B Mineral Core Fire Door	45-90	minutes
Neutral Pressure Mineral Core Fire Door	45-90	minutes
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](http://www.skamol.com)



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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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