

	Value	Unit
Density	1,050 69	kg/m <sup>3</sup> lb/ft <sup>3</sup>
Board weight	2.0 0.4	kg/m <sup>2</sup> lb/ft <sup>2</sup>
Compressive strength (EN 826) (characteristic value)	9.3 1,349	MPa lb/in <sup>2</sup>
Movements due to moisture 30 to 90% RH	0.1	%
Heat expansion coefficient per 1°C	2.94	×10 <sup>-5</sup> m/mk
Thermal conductivity (λ-value)	Approx. 0.22	W/mk
pH-value	7 to 10	
Fire resistance (EN 13501-1)	A1	
<b>AS 1530:4 (in multiple configurations)</b>		
Firedoor	90/60	
Firedoor	60/45	
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
<b>Tensile strength (characteristic value)</b>		
Perpendicular on the fiber orientation (EN 1607)	77.9	kPa
Parallel to the fiber orientation (EN 1608)	989	kPa

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: 8.12.2023

## Skamol Group

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Size	Length	Width	Thickness
Maximum	2,440mm	40mm	20mm
Minimum	2,440mm	40mm	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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