



Skamol is a Danish based manufacturer of high performance insulation materials used by a wide range of industries across the globe. We are a solid company with more than 100 years of insulation experience, but remain focused on the

foundation of our business; applications and innovation. We continuously strive for product excellence and a true commitment towards our many customers across industries. Visit us at www.skamol.com



SKAMOTEC 225 – product characteristics

SKAMOTEC 225 is a light weight material providing several advantages - excellent R-value, high mechanical strength, low thermal conductivity and maximum service temperatures of 1000° C. The exceptional heat resistance makes the SKAMOTEC 225 able to withstand

continuous heat cycles to full service temperature limit and the low thermal conductivity provides maximum insulation throughout the temperature range - making it the ideal product when building custom fireplace enclosures.

Bulk density, dry	225 kg/m ³
Cold crushing strength	2.8 MPa
Thermal conductivity (K-Value) @ 10°C @ 200°C	0.061 W/(m*K) 0.07 W/(m*K)
Thermal resistance (R-Value) 25 mm / λ	0.42
Non-combustibility test	Class A1 and tested in accordance with CAN/ULC-S114 & ASTM E-136

Dimensions

	Std. dimension 1	Std. dimension 2	Std. dimension 3
Thickness (mm)	25, 30, 40 & 50	25, 30, 40 & 50	25, 30, 40 & 50
Width x Length (mm)	610 x 1000	1000 x 1220	2440 x 1220
Weight (kg)	3.4 – 6.9	6.9 – 13.7	16.8 – 33

Contact

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Learn more at www.skamotec225.com
and www.skamol.com

See video

Scan the QR code to see an installation video with SKAMOTEC 225.



SKAMOTEC 225
Building boards for fireplace enclosures

The One Product Solution



SKAMOTEC 225 for fireplace enclosures

Skamol has introduced an innovative new way of building fireplace enclosures. SKAMOTEC 225 is a light-weight, non-combustible building board that simplifies the construction process by eliminating the need for steel or wood frame constructions. The result is a complete one product solution for your fireplace

enclosure with multiple design solutions and finishing possibilities.

SKAMOTEC 225 provides a unique alternative for dealers and installers to maximise their business with quick, easy installations for distinctive looking fireplaces.



Reduce construction time
– earn more.



SKAMOTEC 225 building boards can easily be cut into any shape and size.

Advantages

SKAMOTEC 225 is on the list of non-combustible insulating materials in Class A1 in Europe and can resist temperatures up to 1000 degrees celcius. This means that SKAMOTEC 225 boards protect against the development of fire, do not contribute to harmful smoke expansion

and release no damaging substances during fire. The heat resistance and strength of the SKAMOTEC 225 boards also help prevent the formation of cracks and the costly callbacks from unhappy home owners that follow.

Ease of installment

The light-weight nature of the SKAMOTEC 225 boards makes the product easy to handle and install. SKAMOTEC 225 is around 50% lighter than other non-combustible boards on the market today. Building fireplace enclosures with SKAMOTEC 225 is equally easy for you as an installer,

using common wood working tools and fasteners to cut, shape and combine the material as you desire, while leaving very little excess material. SKAMOTEC 225 allows you to greatly reduce your construction time for the individual fireplace enclosure and maximize your business.



SKAMOTEC 225 is easy to use and quick to install

Hearth & Home Fireplace installer,
Greg Fraser

“Before using SKAMOTEC 225, I faced a problem that many other dealers and installers are familiar with – recurring cracks in the fireplace enclosure and costly callbacks from unhappy home owners. By using SKAMOTEC 225, I have managed to eliminate most callbacks. I like the fact that the product is easy to use, leaves very little waste and is quick to install. This enables me to carry out more work and thereby improve my business.

I like to use the product for the entire fireplace enclosure, and I believe this product is steadily revolutionizing the fireplace business.”

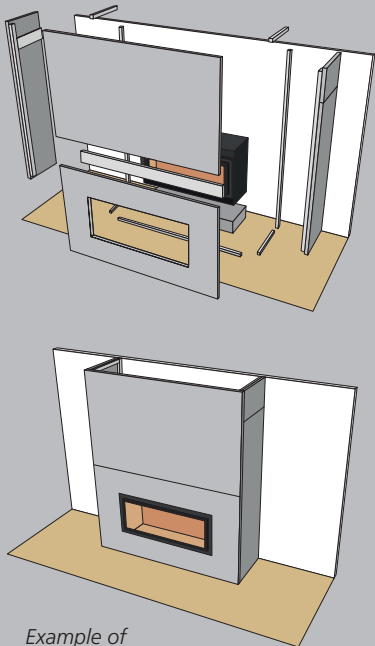


One building product – multiple design solutions

Due to the strength of SKAMOTEC 225, installers are able to apply various finishing materials, e.g. stone and tile. Multiple types of fireplace enclosures can be built using the product.

In fact, most enclosures can be built using only SKAMOTEC 225, replacing the need for light-frame construction and wall covering. This eliminates a complete stage in the construction process, combining multiple building materials into one.

SKAMOTEC 225 is used for both traditional and contemporary fireplace installations, as shown in the examples above. To see more inspiring examples of fireplace enclosures built with SKAMOTEC 225 and to download our installation manual, visit us at www.skamotec225.com



Example of
box wall installation,
all made with SKAMOTEC 225.

