



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

SKAMOLEX™
Durable design that improves performance of the stove



Design panels for stoves

A wide variety of customized panels



Brickwall



Briquette



Cleaved sandstone



Diamond



Herringbone



Rib

... in the colours of your choice



Black



Grey



White

Contact

For further information please contact our sales department at Skamol A/S . Nykøbing Mors Denmark . Tel.: +45 97 72 15 33

Learn more at www.skamol.com



SKAMOLEX™

Durable design

SKAMOLEX™ design panels can be ordered in various designs from a brickwall design in several varieties to a ribbed design etc. The several different design possibilities provides our customers with a high degree of flexibility regarding design and expression of their stove.

The SKAMOLEX™ design panels are produced with a moulding tool that provides a pressed-skin surface, which maintains a smooth and stronger surface on the panels that reduces wear and tear on the plates.

Improving performance of the stove

The insulation of the stove, achieved by the use of SKAMOLEX™ panels, makes it possible to optimize the burning temperature inside the stove. A higher burning temperature secures a complete combustion of the firewood, resulting in cleaner waste gas. The high thermal

resistance makes the SKAMOLEX™ panels able to withstand sudden and repeated cooling without cracking or laminating and the low specific heat minimizes the quantity of heat needed to heat the lining in the stove - so once turned on, the stove heats up quickly.



Advantages

- Can be ordered in a wide variety of designs and colours
- Pressed skin surface that is strong and reduces wear and tear
- Easy to cut and handle using common wood working tools
- Non combustible
- Highly insulating - low thermal conductivity - 0.14 - 0.30 W/(m·K)
- Low specific heat - 0.94 - 1.0 kJ/(kg·K)



SKAMOLEX™ as panels in wood stoves

The fact that the Skamolex panels are non combustible and have low thermal conductivity, makes them perfect as panels in wood stoves - securing a high performance and improved utilisation of the heat inside the stove.

The low thermal conductivity secures a highly insulated combustion chamber which makes it possible to increase the temperature inside the stove hence improving combustion and using less fuel.



Quick and easy installation

The SKAMOLEX™ panels are very easy to cut and handle, which makes a quick and easy installation possible. It only requires

common wood working tools and the measurements of the stove and the cutting and installation can begin.

The SKAMOLEX™ boards can be delivered in 1000 x 610 mm in thicknesses of 16 and 25 mm.

