

Skamolex replacement panels



- A multitude of design possibilities.
- High temperature resistance.
- Low heat accumulation in lining materials.
- Good thermal shock resistance.
- High mechanical strength.
- Good insulation capacity providing better combustion and cleaner waste gas.
- No ceramic fibres.
- Non-dusting surfaces, non-irritant, odourless.
- **And last but not least, using only ordinary wood working tools, Skamolex Panels are very easy to fit and to install.**

Easy as 1-2-3!



1. Zero clearance fireplace



2. Outline and cut...



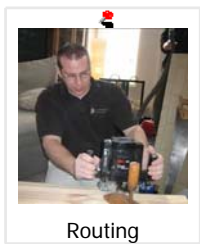
3. New fireplace!



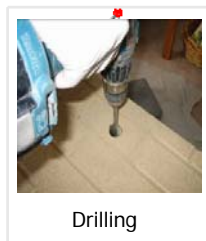
Place n' trace



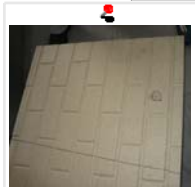
Hand sawing



Routing



Drilling



Ready to cut!



Routed edge

For further details please contact:

See technical data on the back

SKAMOLEX VIP-900

Customized lining solutions for gasfires, fireplaces and stoves - up to 1100°C (2012°F)



Grade	VIP-900	
Maximum service temperature(PrEN 14306-2002)		
	°C	1100
	°F	2012
Bulk density, dry		
	kg/m ³	900
	lbs/cu.ft.	56.2
Compressive strength (EN 1094-5: 1995)		
@ room temperature	MPa	6.3
	lbs/sq.in.	913.5
Modulus of rupture (EN 993-6 1995)		
	MPa	2.1
	lbs/sq.in.	87
Linear reheat shrinkage(EN 1094-6: 1999)		
12 h at 1000°C (1832°F)	%	1.2
12 h at 1100°C (2012°F)		1.8
Thermal conductivity (Hot disk)		
mean temp. @ 200°C	W/(mK)	0.325
@ 400°C		0.437
@ 700°C		0.502
Colour		SAND

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Data in this data sheet are average results of tests conducted under standard procedures and are subject to variation.
Data are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted.

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IMPORTANT NOTE:

Panels will expand and contract as temperatures inside the fireplace increase or decrease. It is therefore important to incorporate a necessary allotment when installing new panels.

The installation must take place in a way that allows refractory panels to freely expand and contract!

Diagram below describes panel expansion from ambient temperature 70 °F to combustion temperatures reaching 1600 °F.

At 1600 °F panels will expand 1 - 1.2%.

A rule of thumb when installing Skamolex VIP-900 replacement panels:

Inside Dimension x 0.985 = panel dimension

(example: 30" ID = 30 x .985 = 29.55" panel size)

By applying this simple rule, you will allow up to 1.5% expansion ensuring the allotment of movement as well as adding a safety factor!

