



SKAMOL SuperPro 300



| | | |
|---|-------------------|----------------------|
| Grade | | SKAMOL SuperPro 300 |
| Maximum service temperature | | |
| | °C | 1000 |
| Bulk density, dry | | |
| | kg/m ³ | 300 |
| Compressive strength (EN 1094-5: 1955) | | |
| | MPa | 2,8 |
| Modulus of rupture (EN 993-6: 1995) | | |
| | MPa | 1,7 |
| Coefficient of reversible thermal expansion (BS 1902: section 5.3: 1990) | | |
| @ 20°C-750°C (68°F-1382°F) | m/(mK) | 5.5x10 ⁻⁶ |
| Coefficient of hygric expansion (DTI report) | | |
| @ 23°C 50%RH to 23°C 10%RH | mm/(m%RH) | 4.0x10 ⁻³ |
| Coefficient of hygric contraction (DTI report) | | |
| @ 23°C 50%RH to 23°C 100%RH | mm/(m%RH) | 0 |
| Sound reduction index | | |
| | dB | |
| | Thickness 19 mm | 26 |
| | Thickness 38 mm | 29 |
| | Thickness 60 mm | 31 |
| Thermal conductivity (ASTM C-182) | | |
| mean temp. | @ 20°C | W/(m×K) 0,06 |
| | @ 200°C | 0,08 |
| | @ 400°C | 0,10 |
| | @ 600°C | 0,12 |
| Chemical analysis, typical | | |
| | % | |
| Silica | SiO ₂ | 47 |
| Calcium oxide | CaO | 45 |
| Loss on ignition 1025°C (1877°F) | LOI | 6 |
| Water content | | |
| | % | 2,5 |
| Colour | | |
| | | Grey |
| Non-combustibility test: | | IMO Res. A.799 (19) |

Skamol A/S
 Østergade 58-60
 DK-7900 Nykøbing
 Denmark
 Tel: +45 9772 153
 Fax: +45 9772 49

Sales offices:

Skamol Europe C
 Düsseldorf Str. 1
 D-40667 Meerbusch
 Germany
 Tel: +49 (0) 2132 1
 Fax: +49 (0) 2132

Skamol Americas
 10100 Park Cedar
 Suite 124
 Charlotte, NC 282
 USA
 Tel: +1 (704) 544
 Fax: +1 (704) 544

www.skamol.com

Material safety data sheet is available on request.

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.

February 2008



g Mors

i3
75

3mbH
98
ch

l3694 0
13 69464

s, Inc.
Drive

10

1015
1239

n