

# Product Data Sheet



## Rockforce® MS730–Roxul® 1000

Engineered mineral fibre

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Rockforce® MS730–Roxul® 1000 is a mineral fibre with a very consistent fibre length and a relatively high but consistent content of non-fibrous material, which is applied in refractory products and bitumen / asphalt.

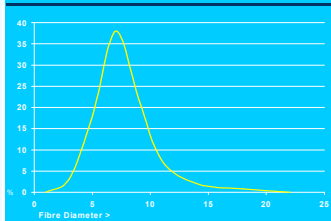
### Roxul®1000 chemistry =biosoluble chemistry

All Roxul®1000 products are worldwide exonerated from classification as a carcinogen.

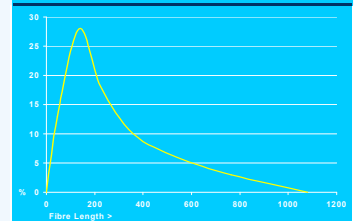
### Chemical Analysis

	Min.	Max.
SiO <sub>2</sub>	38 %wt	43 %wt
Al <sub>2</sub> O <sub>3</sub>	18 %wt	23 %wt
CaO+MgO	23 %wt	28 %wt
FeO	4.5 %wt	8 %wt
K <sub>2</sub> O+Na <sub>2</sub> O		4.5 %wt
Others		6 %wt

Typical average fibre diameter



Typical average fibre length



### ADVANTAGES OF ROCKFORCE® MS730–ROXUL®1000

- Rockforce® MS730–Roxul®1000 is consistent in quality in terms of:
  - chemical composition
  - fibre length
  - thermal properties
- Rockforce® MS730–Roxul®1000 shows added values in:
  - rheology control
  - economic
  - reinforcement
  - dimensional stability
  - heat resistance

Parameter	Average/Tolerance	Testmethod
Non-Fibrous Material	Norm. Max. N > 125 µm 24.0%wt 30.0%wt	TV 316
Moisture Content	max. 0.1 %wt	TV 302
Ignition Loss	max. 0.3 %wt	TV 302
Fibre Length	225 ± 50 micron	TV 305
Fibre diameter (mass wt. av.)	approx. 9.0 micron	TV 165
Fibre diameter ( num. av.)	approx. 5.5 micron	TV 165
Specific surface area	approx. 0.20 m <sup>2</sup> /g	TV 165
Hardness	6 Moh	
Melting Point	> 1000 °C	Furnace, Visual
Specific Density	2.75 ± 0.15 g/cm <sup>3</sup>	
Colour	Grey/Green	Visual

Author: E. Huynen (ADC)  
Issue: July 2008 (03)

Replaces Issue: January 2004 (02)  
ISO 9001 LF007.F08

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