

Product Data Sheet



Rockforce® MS675–Roxul® 1000

High quality engineered mineral fibre for application in coatings

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Rockforce® MS675–Roxul® 1000 is a premium quality engineered mineral fibre. It is a medium length fibre with extreme low shot content, surface treated with a surfactant for excellent dispersion in bitumen / asphalt.

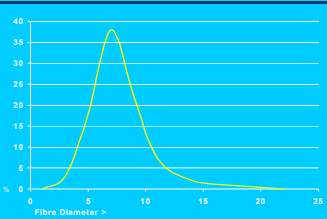
Roxul®1000 chemistry =biosoluble chemistry

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

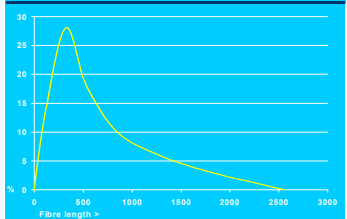
Chemical Analysis

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

Typical average fibre diameter



Typical average fibre length



ADVANTAGES OF ROCKFORCE® MS675–ROXUL®1000

- Rockforce® MS675–Roxul®1000 can be used in a number of coating applications. It is especially suitable for replacing asbestos and cellulose fibres in bituminous roof coatings and water proofing coatings.
- Rockforce® MS675–Roxul®1000 is easy to use:
 - no major increase of viscosity during production
 - excellent viscosity building characteristics and controlled rheology, levelling and sag resistance

Parameter	Average/Tolerance	Testmethod
Non-Fibrous Material	Norm. Max. N > 125 µm 0.1%wt 0.2%wt	TV 316
Fibre Length	500 ± 150 micron	TV 305
Ignition Loss	max. 0.3 %wt	TV 302
Moisture Content	max. 0.1 %wt	TV 302
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 ² /g	TV 165
Hardness	6 Moh	
Melting Point	> 1000 °C	Furnace, Visual
Specific Density	2.75 ± 0.15 g/cm ³	
Colour	Grey/Green	Visual

Author: E. Huynen (ADC)
Issue: July 2008 (02)

Replaces Issue: September 2005 (01)
ISO 9001 LF007.F08