Product Data Sheet

Rockforce® MS675-Roxul®1000

High quality engineered mineral fibre (Note Q) for application in coatings

lapinus@lapinusfibres.com
www.lapinusfibres.com

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.

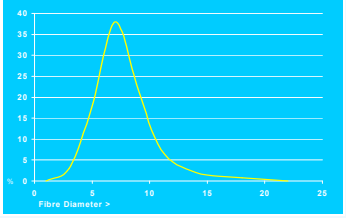
Roxul®1000 chemistry =biosoluble chemistry

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

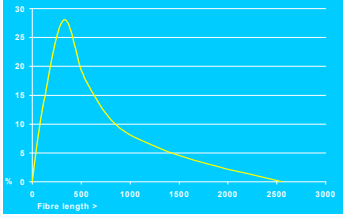
Chemical Analysis

	Min.	Max.
SiO_2	38 %wt	43 %wt
Al_2O_3	18 %wt	23 %wt
CaO+MgO	23 %wt	28 %wt
FeO	4.5 %wt	8 %wt
K_2O+Na_2O		4.5 %wt
Others		6 %wt

Typical average fibre diameter



Typical average fibre length

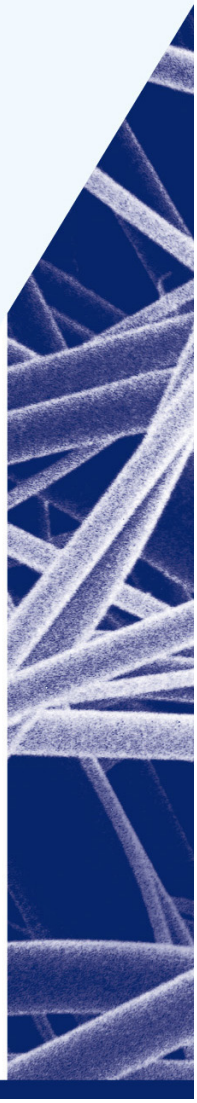


ADVANTAGES OF ROCKFORCE® MS675-ROXUL®1000

- 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.	TV 316
	N > 125 µm 0.1%wt	0.2%wt	
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 m2/g		TV 165
Hardness	6 Moh		
Melting Point	> 1000 °C		Furnace, Visual
Specific Density	2.75 ± 0.15 g/cm3		
Colour	Grey/Green		Visual



Author: E. Huynen (ADC)
Issue: July 2008 (02)
Replaces Issue: September 2005 (01)
ISO 9001 LF007.F08