

Product Data Sheet



Rockforce® MS750–Roxul® 1 000

Engineered mineral fibre (Note Q)

lapinus@lapinusfibres.com
www.lapinusfibres.com

Rockforce® MS750–Roxul® 1000 is a quality engineered mineral fibre. Its short fibre length results in excellent dispersion properties during dry mixing, even when used in high fibre loads.

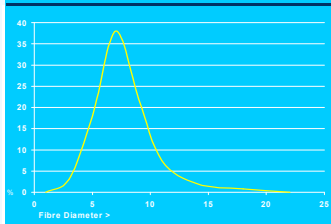
Roxul®1000 chemistry =biosoluble chemistry

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

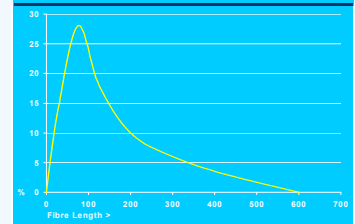
Chemical Analysis

	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	4.5 %wt
Others	6 %wt	6 %wt

Typical average fibre diameter



Typical average fibre length



ADVANTAGES OF ROCKFORCE® MS750–ROXUL®1000

- Rockforce® MS750–Roxul®1000 is consistent in quality in terms of:
 - chemical composition
 - shot content
 - fibre length

Parameter	Average/Tolerance	Testmethod
Non-Fibrous Material	Norm. Max. N > 125 µm 3.0%wt 5.0%wt	TV 316
Fibre Length	125 ± 25 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: April 2005 (01)
ISO 9001 LF007.F08