



DESCRIPTION

Fiberfrax[®] Moldable is a composite of Fiberfrax[®] bulk fibres, organic polymers and inorganic binder. It is pliable, putty like material that is supplied wet & premixed, ready for installation. It provides a smoother texture, enhanced flowability and better finished surface.

Fiberfrax[®] Moldable can be caulked, troweled and/or molded quickly and easily into place for use in filling, sealing, repair and general packing applications.

Fiberfrax[®] Moldable AR has been specially formulated to provide molten Aluminium Resistance.

GENERAL CHARACTERISTICS

Fiberfrax[®] Moldable has the following outstanding characteristics :

- Excellent thermal insulation
- Low shrinkage
- Excellent adhesion to metal & refractory surfaces
- Air sets to a hard surface

TYPICAL APPLICATIONS

- Gap / cracks filling in refractory lining & expansion joints
- Patch around refractory burner blocks
- Patching ceramic fibre & refractory back-up materials
- Ceramic cuplock packing in blanket lining to protect anchor tips
- Troughs / Ladles lining for molten aluminium transfer

Any new and/or special use of these products, whether or not in an application listed in our literature, must be submitted to our technical department for their prior written approval.

*greener
cleaner
safer*
specialty fibers for
a greener, cleaner, safer world

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UNIFRAX

TYPICAL PRODUCT PARAMETERS

Fiberfrax [®]	Moldable	Moldable AR
Physical Properties		
Colour	Off-White	Off-White
Classification Temperature (°C)	1260	1000
Density (kg/m ³)	Wet	1200 - 1280
	Dry	480 - 530
Solids (%)		1600 - 1680
		880 - 960
Compressive Strength (kg/cm ²)		
At 10% compression on dry product	11-12.5	-
At 25% compression on dry product	> 15.5	-
Shelf Life <i>(If kept unopened in cool dry condition)</i>	6 Months	6 Months
Thermal Conductivity (W/mK)		
Mean Temp.		
250 °C	0.06 - 0.09	0.09 - 0.11
550 °C	0.09 - 0.12	0.13 - 0.16
Permanent Linear Shrinkage (%) 24 Hour Dry Fired		
850 °C	-	1 - 2
1100 °C	2.35	-
1200 °C	3.75	-

Classification temperature refers to the maximum short term temperature limit. The maximum continuous use limit depends upon application conditions. For certain applications continuous use temperature limits may be significantly reduced. For assistance or clarification please contact your nearest Unifrax Engineering office.

Thermal Conductivity figures are empirical values (average) based on experience.

AVAILABILITY

Packaging	Moldable	Moldable AR
20 Kgs / Pail	✓	
30 Kgs / Pail		✓

HANDLING INFORMATION

A Material Safety Data Sheet has been issued describing the health, safety and environmental properties of this product, identifying the potential hazards and giving advice on handling precautions and emergency procedures. This must be consulted and fully understood before handling, storage or use.

Supplied by:

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