



DESCRIPTION

HS-MASS 1500 family of products was developed by Unifrax to meet the demanding performance requirements of the industry. The use of high performance fibres, refractory oxides and proprietary binder system have significantly improved the physical and thermal characteristics of conventional refractory ceramic fibre product forms. These developments have resulted in a new class of insulating materials that extend the benefits of ceramic fibre into applications that were not practical with existing insulating products.

ADVANTAGES OF HS-MASS 1500 APPLICATION

OVER CERAMIC FIBRE LINING :

- Increased abrasion resistance and durability
- Under lying fibre protected from shrinkage and / or chemical attacks
- Minimized heat loss through insulation cracks
- Increase in wind velocity resistance
- Heat reflectance / Energy efficiency

OVER HARD REFRACTORY LINING :

- Increased abrasion resistance and durability
- Minimized heat loss
- Increased refractory life
- Heat reflectance / Energy efficiency
- Thermal shock protection

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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TYPICAL PRODUCT PARAMETERS

HS-MASS 1500	
Physical Properties	
Classification Temp. (°C)	1500
Density (kg/m ³)	Wet 1300 - 1400
	Dry 725 - 825
Colour	White
Bond	Air Set
Coating Thickness (mm)	3 - 25
Resistance to Velocity (m/s)	60
Typical Linear Shrinkage (%)	1 - 2
Dry to fired at 1500 °C, 24 hrs.	
Coverage for 12 mm thk. Layer (kg/m ²)	16.5
Curing / Drying duration (hrs)	24
Shelf life	6 months
<i>(If kept unopened in cool dry condition)</i>	

DURING APPLICATION



AFTER FIRING / 6 MONTHS IN OPERATION



AVAILABILITY

HS-MASS 1500 is available as standard packaging in 25 kg pails.

INSTALLATION

HS-MASS 1500 can be applied by pumping, gunning or trowelling.

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: