

FIBERFRAX® TOPCOAT M

Fiberfrax TopCoat M is a mixture of high temperature mullite refractory reinforced with Fibermax® Fibers designed as a high temperature coating for Fiberfrax ceramic fibres. TopCoat M provides excellent resistance to slag, alkali attack and air velocity erosion attack when applied over ceramic fiber modular linings or flatwall systems.

General Characteristics

Fiberfrax TopCoat M has the following benefits:

- High continuous use temperature of 1540°C.
- Excellent erosion protection on ceramic fiber linings.
- Excellent chemical resistance to attack by slag and alkali.
- Suitable for spraying and trowelling application.

Chemical Analysis (wt.%)

Al ₂ O ₃	73%
SiO ₂	21%
Inorganic	3%
LOI	3%

Availability

- TopCoat M is available in 20 kg containers (dry).



Physical Properties

Colour	Grey – white
Continuous Use Limit	1540°C
Wind Resistance	
Linear Shrinkage 24 Hour Soak (1427C)	0.3%
Water Required:	
Spraying	1.0 litre/kg (dry mix)
Trowelling	0.5 litre/kg (dry mix)
Normal layer Thickness	0.8 mm - 1.6 mm
Dry Quantity Required (1.5mm layer)	2.2 kg/m ²

Typical Applications

- Flame resistant coating on ceramic fibers in high temperature furnaces.
- Slag resistant coating on ceramic fibers in flue gas ducts.
- Coating ceramic fiber boards and paper on radiant shields.

Data are average results conducted under standard procedures and are subject to variation. Results should not be used for specification purposes.