

INSULFRAX LT BULK

Insulfrax alkaline earth silicate wool provides the basis for the entire family of Insulfrax product forms.

Insulfrax LT bulk is the latest development in our Insulfrax range. Following a breakthrough in advanced manufacturing techniques, we have developed this bulk fibre with a significant increase in the fibre content by minimising the size and amount of unfiberised “shot” particles present.

GENERAL CHARACTERISTICS

Insulfrax LT bulk offers users a number of **important advantages** over other man-made fibres:

- Thermal and physical stability up to 1200°C
- Excellent textile conversion properties
- Suitable for wet forming characteristics
- Clean, soft to handle fibre

Typical product parameters

Physical Properties

Colour	White
Continuous use temperature (°C)	1100
Maximum use temperature (°C)	1200
Melting Point (°C)	>1330
Mean Fibre Diameter (microns)	3.8
Binder (typical)	Organic lubricant 0.3% to 0.6%
Thermal shrinkage: 24 hrs at:	Not applicable

Chemical analysis: (fibre wt.%)

SiO ₂	61.0 - 67.0
CaO	27.0 - 33.0
MgO	2.5 - 6.5
Al ₂ O ₃	< 1.0
Fe ₂ O ₃	< 0.6

Typical application

- Vacuum forming feedstock
- Textile manufacture
- Chimney lining / fill
- Fire door infill
- Building expansion joints

Availability

- **Insulfrax LT Bulk** is available in standard 20 kg bales.
- Non-standard bales or packaging available on request, subject to order.

