

**MURUGAPPA MORGAN THERMAL CERAMICS LIMITED**

**PRODUCT INFORMATION**

**MOISTFELT**



**TYPE:** Ceramic fibre Blanket strips coated with an inorganic hardening agent.

**Classification temperature: 1260°C**

- 1) Moist felt
- 2) Moist felt – LC

**DESCRIPTION**

Moistfelt is supplied in a damp state such that they can readily be cut and molded in any shape or contour. The green strength is sufficient for self support, so that insulation is simple.

Moistfelt is able to withstand physical damage and gas flow erosion in non particulate gas velocities of up to 35m/s.

**AVAILABILITY**

Standard sizes:  
12mm Thick X 610 mm width X 915 mm length

**FEATURES**

- Light weight material
- Easy to cut sawn or shaped as desired.
- Excellent resistance to gas flow erosion and gas velocities.
- High green strength

**APPLICATIONS**

- Hot face lining in furnaces.
- Back up insulation and coil protection in induction type melting furnaces.
- Lining ladles, launders and distribution boxes.
- Insulation of steam turbines and ancillary plant.
- Combustion chamber insulation
- Pipe insulation

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**MAIN PROPERTIES**

<b>Physical Properties</b>	MOISTFELT	MOISTFELT – LC
Classification temperature °C	1260	1260
Density kg/m <sup>3</sup> (Nominal) - Dry	385	250
Density kg/m <sup>3</sup> (Nominal) - Wet	900	900
<b>Chemical composition ( % )</b>		
Al <sub>2</sub> O <sub>3</sub>	32 – 47	32 – 47
SiO <sub>2</sub>	44 – 58	44 – 58
ZrO <sub>2</sub>	≤19	≤19
Shelf life	6 Months from date of manufacturing	6 Months from date of manufacturing
<b>Availability and packing (Length – Up to 2400mm)</b>		
6	X	X
12	X	X
25	X	X

All above products are subjected to standard tolerances. The values given herein are typical values obtained in accordance with accepted test methods and subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Therefore, the data contained herein should not be used for specification purposes.