

FIRESTOP Wool

DEFINITION

FIRESTOP Wool is a high-temperature, fibre blanket for enhanced thermal performance. Composed of long ceramic fibres, this fire-rated material is engineered to excel in applications requiring a classification temperature of up to 1200°C.

KEY FEATURES

Durability: Needled on both sides, **FIRESTOP** Wool has high strength both before and after exposure to heat.

Clean Operation: Free from binders or lubricants, it produces no fumes or odours during initial firing.

Versatility: Flexible and easy to cut, shape, and install, making it suitable for various applications.

BENEFITS

- Outstanding thermal insulation performance
- Free from binders or lubricants
- Excellent thermal stability
- Low heat storage capacity
- High resistance to tearing
- Flexible and resilient structure
- Immune to thermal shock
- Effective sound absorption

APPLICATION

- Firestopping backing material
- Power generation (HRSG duct insulation)
- Process heater linings
- Pipe wrap
- Furnace and kiln linings
- Storage heater insulation
- Domestic oven insulation



TECHNICAL DATA

Packaging	6 rolls per carton
Length of one roll	7,320mm
Width of one roll	100mm
Thickness	13mm
Density	128kg/m ³
Colour	White
Classification temperature	1,200°C
Maximum continuous use temperature	1,000°C
Typical tensile strength	75kPa

THERMAL CONDUCTIVITY

Mean Temp (°C)	Thermal Conductivity
200	0.05
400	0.08
600	0.12
800	0.18
1000	0.25