INSULATION PRODUCTS

Ceramic Fiber Wool

Ceramic Fiber Wool (blanket) is a lightweight, needled high-temperature insulation spun from alumina-silica fibre. It offers very low thermal conductivity and heat storage with excellent thermal-shock resistance, and fits easily around furnace and kiln shapes.

Standard grade is classified to 1260°C (continuous service around 1050°C), in densities of roughly 96–128 kg/m³, making it a mainstay of furnace, kiln and boiler lining.

KEY FEATURES

- ✓ Needled alumina-silica fibre blanket
- ✓ Classified to 1260°C, continuous use around 1050°C
- ✓ Very low heat storage — furnaces heat and cool faster
- ✓ Excellent thermal-shock resistance
- ✓ Fits easily around complex furnace and kiln shapes

SPECIFICATIONS

Material	Alumina-silica ceramic fibre
Classification Temperature	1260°C
Continuous Use	Up to ~1050°C
Density	96 – 128 kg/m³
Form	Needled blanket (roll)
Thickness	12.5 mm / 25 mm / 50 mm

APPLICATIONS

Furnace & kiln lining · Boiler & heater insulation · Back-up & hot-face insulation · Expansion-joint infill · Petrochemical heaters

INDUSTRIES SERVED

Steel Mills · Cement Plants · Power Plants · Ceramics & Glass · Chemical Plants

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Specifications are typical for this product grade. Please confirm exact figures with us before final specification.