

CCEWOOL Stone Wool Blanket



CCEWOOL Stone Wool Blanket is a flexible insulation material designed to fit snugly around irregular equipment and large-diameter pipes. Its extended length minimizes the number of joints and thermal bridges, ensuring continuous and efficient insulation.

Water-repellent and low-chlorine options are available upon request, and the surface can be

laminated with aluminum foil, fiberglass cloth, or other facing materials for enhanced performance and durability.

Characteristics:

Excellent thermal insulation and sound absorption;
Flexible and adaptable to curved or uneven surfaces;
Moisture-resistant and dimensionally stable;
Safe, eco-friendly, and non-toxic;
Effective energy-saving performance.

Application:

Ideal for thermal and acoustic insulation of building walls and roofs.
Widely used in boilers, tanks, valves, and large-diameter piping systems for heat preservation, noise reduction, and personnel protection in power plants and chemical facilities.

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Performance	Unit	Density (kg/m ³)			Test Standards
Thermal conductivity (average 25°C)	W/ (m.k)	60	80	100	GB/T10295
		≤0.040	≤0.038	≤0.038	

Combustion performance	--	Class A1 non-combustion			GB8624
Hydrophobicity	%	≥99	≥99	≥99	GB/T10299
Maximum operating temperature	°C	550	750	750	GB/T17430
Recommended operating temperature	°C	450	650	650	GB50264
Heat load shrinkage temperature	°C	400	400	400	GB/T11835
Linear shrinkage	%	≤2	≤2	≤2	ASTM C356
Corrosiveness	--	No corrosion			ASTM C665