



# AESWOOL Blanket

## Product Data Sheet

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### Product Description

RCFWOOL Marine Fiber Blanket adopts a unique spinning process to produce long, slender fibers, which are combined with a double-sided needle-punching forming process. No organic binders are added during production, endowing the product with exceptionally high tensile strength.

Boasting a classification temperature of up to 1260°C and excellent thermal insulation performance, it is widely applicable to various marine vessels (such as cruise ships and merchant ships), offshore oil platforms, and other related marine fields. As no organic binders are used in the production process, the product emits no toxic fumes when exposed to fire or high temperatures.

As a flexible, non-combustible inorganic material, RCFWOOL Marine Fiber Blanket is easy to cut and install, making it an ideal choice for marine passive fire protection systems.

### Features

- 'A' class steel bulkhead and deck fire protection for ships and offshore platforms.
- thermal insulation for marine exhaust pipes and high-temperature pipelines.
- infill to fire doors and cladding panels.
- Provides thermal insulation for special applications such as asphalt tanks.
- And so on.....

### Typical Applications

- It is easy to cut and convenient to install on-site.
- Compared with traditional rock wool materials, on-site installation efficiency is improved by approximately 30%.
- Low slag ball content and low thermal conductivity, delivering superior thermal insulation performance.
- Formed via physical needle-punching, it boasts excellent tensile strength and maintains structural stability even at high temperatures.

**Main Performance**

System	Plate insulation	mass per unit (Kg/m <sup>2</sup> )	Stifferen insulation	mass per unit (Kg/m <sup>2</sup> )
A-30 Class Steel Bulkhead (Unrestricted)	40mm x 96 Kg/m <sup>3</sup>	3.84	40mm x 96 Kg/m <sup>3</sup> Single layer	3.84
A-60 Class Steel Bulkhead (Unrestricted)	40mm x 110 Kg/m <sup>3</sup>	4.40	40mm x 110 Kg/m <sup>3</sup>	4.40
A-60 Class Steel Deck	30mm x 96 Kg/m <sup>3</sup>	2.88	30mm x 96 Kg/m <sup>3</sup>	2.88

Note: The above data are representative averages measured according to general test methods and may vary with normal production fluctuations. These data are provided as a technical service and may be adjusted occasionally.