

KAETEC INSULATION SYSTEM

PRODUCT OVERVIEW



System description

- > Pipe insulation system for high temperatures (e.g. exhaust gas ducts)
- > Removable and reusable, easy to clean surfaces (surfaces oil- and liquid resistant)
- > Multi layer system
- > Formaldehyde free materials
- > Suitable for shipbuilding all application
- > Qualified and listed for Navy application
- > Modular design, total insulation thickness 10mm to more than 200mm possible
- > Different surface materials are possible (glass cloth, silicone coated, stainless steel mesh)
- > All system material are tested and certified according to SOLAS and MED as non-combustible or low flame spread

Services

- > Pre-assembled for simplified installation.
- > Worldwide installation according to our service conditions, if required.
- > Worldwide service and supply of spare parts, maintenance and repair.

Documentation

- > Certificates (DNV Module B & D, SDoC, DoC)
- > Spare part lists

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Technical details

Available materials	<ul style="list-style-type: none"> > Glass cloth (loss of glow <0.2%) > Glass cloth with silicon coating > Glass cloth with stainless steel reinforcement (optional) > Insulation type (Firemaster)
	Formaldehyde-free < 0.05 ml/m ³ (acc. DIN 55666)
Total insulation thickness	min: 10 mm max: > 200 mm
Number of layers	2 layers (standard), 3 layers possible

Details of manufacture

- > Inside sewing seams
- > Various option for fixing devices possible (e.g. stitched hooks)
- > Glass cloth and insulation material are shaped as stitched mattresses

Certification (insulation system)

Module B	MEDB000083D
Module D	MEDD00000DN

The insulation system will provide a safe operation of the ship's engine and exhaust gas system. Products from KAEFER are used on more than 600 vessels (cruise ships, mega yachts, ferries, naval ships, etc.).



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