

ContraFlame® MS200 underdeck and bulkhead insulation

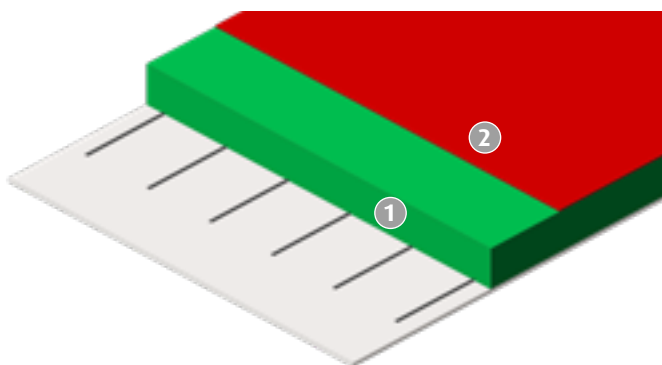
Lightweight, close cell, solid thermal insulation foam and GRP laminate system

General description

ContraFlame® MS200 is a lightweight, close cell, solid thermal insulation foam and GRP laminate system designed to protect, thermally insulate and mitigate risk of corrosion under insulation of offshore facilities underdeck and bulkheads. The system weight reduction, robustness and unparalleled design life (+25 years) coupled with a single point of responsibility on the supply and site installations makes ContraFlame® MS200 superior to current mineral wool/ SS solutions.

Product construction

ContraFlame® MS200 system is based on a unique syntactic phenolic foam and phenolic glass reinforced laminate. Pre-formed MS200 panels (1m x 1m) at a range of thickness 25-100mm are bonded to the underdeck and followed by the application of GRP laminate. The complete installation is seamless and jointless.



1. ContraFlame® MS200 Foam	Nominal density: 60kg/m ³ Thickness: 25mm to 100mm Thermal conductivity: 0.031 W/m ² K
2. ContraFlame® D2004 GRP laminate	Nominal density: 1450kg/m ³ Nominal thickness: 2mm

Typical applications

- Oil and Gas platforms (new build or operational)
- Wind converter platform (new build or operational)
- Offshore modules
- Internal partitioning

Performance and properties

System thermal and weight performance

Thickness (mm)	R - Value (m ² K/W)	U Value (W/m ² K)	Panel weight (kg/m ²)	Total weight (kg/m ²)
25	0.81	1.23	1.5	5.1
50	1.62	0.62	3	6.6
75	2.44	0.41	4.5	8.1
100	3.25	0.31	6	9.6
D2004 laminate			3.6	

Disclaimer

Exclusion of liability

Information contained in this publication is accurate to the best of the knowledge and belief of Advanced Insulation Ltd (AI). Any information or advice obtained from AI otherwise than by means of this publication, whether relating to AI's products or other materials, is also given in good faith. At all times it remains the responsibility of the customer to ensure that AI's products are suitable for the particular purpose intended.

Insofar as products not manufactured or supplied by AI, used in conjunction with or instead of AI's products, the customer should ensure that they have received from the manufacturer or supplier all technical data and other information relating to such materials.

An Advanced Insulation representative will provide a specification for each project. Advanced Insulation accepts no responsibility for defects arising from failure to follow the specification.

Contact information

For further details about Advanced Insulation systems and services, please contact your nearest project management office:

Advanced Insulation Limited
Quedgeley West Business Park, Bristol Road, Gloucester, GL2 4PA, United Kingdom

+44 (0)1452 880880
info@advancedinsulation.com
www.advancedinsulation.com