

QS - CERTIFICATE OF ASSESSMENT (MODULE D)

Certificate No:
MERD00000AZ
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

Thermal Ceramics UK Ltd
Wirral, United Kingdom

is found to comply with the applicable requirements.

The quality system has been assessed with respect to the procedure of Module D conformity assessment as referred to in the Merchant Shipping (Marine Equipment) Regulations 2016 and regulation MSN 1874 Amendment 7.

This Certificate is valid until **2028-05-07**.

Issued at **London** on **2024-01-18**

DNV local unit:
UK & Ireland CMC & VMC



for **DNV UK Ltd.**

Approval Engineer:
Tessa Biever

Approved Body No.: **0097**

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Christine Mydlak-Röder
MER Service Responsible



Example for the "Mark of Conformity":
0097: number of the Approved Body responsible for quality surveillance module
(yy)yy: year in which the mark is affixed.



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

The product liability tests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate provides the basis for the manufacturer or (if applicable) their authorised representative established within the United Kingdom in conjunction with the UK TYPE EXAMINATION (MODULE B) CERTIFICATE of the equipment listed in the scope to affix the "Mark of Conformity" ("Red Ensign Mark").

This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



APPENDIX

Item no. UK/3.11a A & B Class divisions fire integrity: A class divisions.

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
A-60 Aluminium Bulkhead - 2 x 50 mm FireMaster Marine Plus Blanket ^{1,2,3,4,5,6,7,8,9}	MERB00001W0 Rev. 0	2026-05-10	0097

Item no. UK/3.11a A & B Class divisions fire integrity: A class divisions.

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
A-30 Aluminium Deck - 40 mm FireMaster Marine Plus Blanket ^{1,2,3,4,5,6,7,8,9}	MERB00001W1 Rev. 0	2026-05-10	0097

Item no. UK/3.11a A & B Class divisions fire integrity: A class divisions.

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
A-60 Aluminium Deck - 50 mm FireMaster Marine Plus Blanket ^{1,2,3,4,5,6,7,8,9}	MERB00001W2 Rev. 0	2026-04-11	0097

Item no. UK/3.11a A & B Class divisions fire integrity: A class divisions.

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
A-60 Aluminium Bulkhead - 50 mm FireMaster Marine Plus Blanket ^{1,2,3,4,5,6,7,8,9}	MERB00001WT Rev. 0	2026-05-10	0097

Item no. UK/3.11a A & B Class divisions fire integrity: A class divisions.

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
A-30 Aluminium Bulkhead - Fire Towards Insulated Side ^{1,2,3,4,5,6,7,8,9}	MERB00006MU Rev. 0	2025-04-02	0097

Item no. UK/3.13 Non-combustible materials

Type designation	Type-Examination Certificate No.	Expiry date	Approved Body No.
FireMaster Marine Plus Blanket ^{1,2,3,4,5,6,7,8,9}	MERB000017R Rev. 0	2026-08-21	0097

Places of production

1. Morgan Thermal Ceramics (Shanghai) Co., Ltd., 18, Kang An Road 201315 Shanghai, China
2. Morgan Thermal Ceramics Korea, 335 42984 Daegu, Korea, Republic of
3. Morgan Kailong (Jingmen) Thermal Ceramics Co., Ltd., 20-1# QuanKou Road 448000 Jingmen, China
4. Murugappa Morgan Thermal Ceramics Ltd, SIPCOT Industrial Complex 632403 Ranipet, India
5. Thermal Ceramics de France S.A., Zone Industrielle Les Plantees 42680 Saint-Marcellin-en-Forez, France
6. Morgan Advanced Materials Industries Ltd, Plot No : KHIA 4-07A , United Arab Emirates
7. Thermal Ceramics, Inc., 2102 Old Savannah Rd 30906-2133 Augusta, USA
8. Grupo Industrial Morgan SA de CV, Cerrada de la Paz 101 42181 Mineral de La Reforma, Mexico
9. Murugappa Morgan Thermal Ceramics Ltd., Plot No.-681, 382721 Dist.- Gandhinagar,, India