

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

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 MERSEYSIDE, United Kingdom

is found to comply with the applicable requirements.

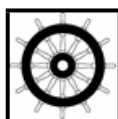
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2015/559.

This Certificate is valid until **2018-03-22**.

Issued at **Høvik** on **2016-12-02**

DNV GL local station:
Manchester

Approval Engineer:
Helge Bjørnara



Notified Body
No.: **0575**

for **DNV GL AS**

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Vidar Dolonen
Head of Notified Body



Job Id:
Certificate No: **MEDD00000AZ**

APPENDIX

Item no. A.1/3.13 Non-combustible materials

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MEDB000017R	2021-07-23	0575	164.109/EC0575 /MEDB000017R
FireMaster 607 Blanket, Blanket GC, Water Repellent Blanket Alu-40, FireFelt and Paper ^{3, 7}	MED-B-9746	2020-02-27	0575	164.109/EC0575 /9746
FireMaster 607 Board 350 ⁷	MED-B-9750	2020-02-27	0575	164.109/EC0575 /9750
Superwool 607 Plus Blanket ^{1, 3, 4, 5, 6, 7, 8}	MED292314CS_003	2019-08-13	0474	164.109/EC0474 /MED292314CS_003 /EC0575
FireMaster Blanket 607 Alu 20 R ³	MEDB284112CS	2017-09-30	0474	164.109/EC0474 /MEDB284112CS /EC0575

Item no. A.1/3.32 Fire restricting materials (except furniture) for high speed craft

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Fire Restricting Composite Bulkheads and Decks ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8253	2018-04-15	0575	N/A

Item no. A.1/3.34 Fire resisting divisions for high speed craft

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
30 minute Load Bearing Composite Bulkhead - GRE/PVC Sandwich Panel Type ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-7548	2017-03-21	0575	N/A
30 minute Load Bearing Composite Deck - GRE/PVC Sandwich Panel Type ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-7549	2017-03-21	0575	N/A
60 minute HSC Aluminium Bulkhead 2 mm - FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-7631	2017-03-21	0575	N/A
60 minute HSC Aluminium Deck 2 mm - FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-7661	2017-03-21	0575	N/A

Job Id:
Certificate No: **MEDD00000AZ**

Item no. A1/3.11a "A" Class divisions, fire integrity

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
A-30 Aluminium Bulkhead - Fire Towards Insulated Side ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-9748	2020-04-13	0575	164.107/EC0575/9748
A-60 Steel Bulkhead - 75 mm FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-9749	2020-04-13	0575	164.107/EC0575/9749
A-60 Steel Bulkhead - Fire To Either Side - 45 mm FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-9751	2020-02-27	0575	164.107/EC0575/9751
A-60 Steel Bulkhead - Fire To Either Side - 45 mm FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MEDB00000Y7	2020-02-27	0575	164.105/EC0575/MEDB00000Y7
A60 aluminium 2 mm Bulkhead - FireMaster Marine Plus Blanket ^{1, 3, 4, 5, 6, 7, 8}	MED292314CS_001	2019-06-09	0474	164.105/EC0474/MED292314CS_001/EC0575
A60 aluminium 2 mm Deck - FireMaster Marine Plus Blanket ^{1, 3, 4, 5, 6, 7, 8}	MED292314CS_002	2019-06-09	0474	164.105/EC0474/MED292314CS_002/EC0575
A-60 Corrugated Fire Wall ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8296	2018-04-15	0575	N/A
A-60 Steel Deck ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8297	2018-04-15	0575	N/A
A-15 Steel Bulkhead (Fire Either Side) - 25 mm x 64 kg/m ³ FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8177	2018-03-22	0575	164.107/EC0575/8177
A-60 Steel Bulkhead (Fire Either Side) - 80 mm x 48 kg/m ³ FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8174	2018-03-22	0575	164.107/EC0575/8174
A-60 Steel Bulkhead (Fire Insulated Side) - 50 mm x 48 kg/m ³ FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8176	2018-03-22	0575	164.107/EC0575/8176
A-60 Steel Bulkhead (Fire Either Side) - 60 mm x 80 kg/m ³ FireMaster Marine Plus Blanket ^{1, 2, 3, 4, 5, 6, 7, 8}	MED-B-8175	2018-03-09	0575	164.107/EC0575/8175

Item no. A1/3.11b "B" Class divisions, fire integrity

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
B-15 Cabin Wall Extension ^{1, 2, 3, 4, 5, 6, 7, 8}	MEDB000000M	2020-06-25	0575	164.108/EC0575/MEDB000000M

Job Id:
Certificate No: **MEDD00000AZ**

Places of production

- 1.Grupo Industrial Morgan SA de CV, Cerrada de la Paz 101, Industrial la Paz, Carr., Pachuca de Soto, Mexico
- 2.Morgan Thermal Ceramics (Shanghai) Co., Ltd., 18, Kang An Road, Kang Qiao Industrial Zone, Pudong Shanghai, Shanghai, China
- 3.Morgan Thermal Ceramics Korea, #1-31, Buk-ri, Nongong-eup, Dalsung-gun, DAEGU, Republic of Korea
- 4.Morgan Kailong (Jingmen) Thermal Ceramics Co., Ltd., 20-1# Quankou Road, Jingmen, China
- 5.Murugappa Morgan Thermal Ceramics Ltd, Post box No. 1570Dare House, Dare House Complex, Old No. 234, New No. 2, NSC Bose Road, Chennai, India
- 6.MORGANITE BRASIL LTDA, Rua Darcy Pereira 83, Rio de Janeiro, Brazil
- 7.Thermal Ceramics de France S.A., Zone Industrielle Les Plantees, Saint-Marcellin-en-Forez, France
- 8.Thermal Ceramics, 2102 Old Savannah Rd, Augusta, United States