



Certificate of Type Approval

This is to certify that Fibergrate Composite Structures Inc.
has met the requirements of ABS Product Type Approval for
Fibergrate Molded Grating

Model Name(s): 263100, 263300, 263400, 263410, 263450, 263460, 263500,
263600, 263610, 263900

Presented to:

Fibergrate Composite Structures Inc.
900 FM 205
Stephenville
Texas
76401

Intended Service:

Personnel walkways, catwalks ladders, platforms, or other access areas in cargo holds, cargo tanks, fuel oil tanks, ballast water tanks, cofferdams, void spaces double bottoms, pipe tunnels, and open deck spaces.

Description:

Vi-Corr Fiber Reinforced Grating

Ratings:

Tested for surface burning characteristics as per ASTM E84 to have a flame spread index of less than or equal to 25.

Service Restrictions:

Not to be used as walkways or areas which may be used for escape, or access for firefighting, emergency operation or rescue. These products are not approved for use in L1, L2, or L3 locations as outlined by the USCG Policy File Memorandum 2-98, unless additional testing and subsequent approval demonstrates otherwise. This product is not to be used in cargo tanks, fuel oil tanks, ballast water tanks, cofferdams, void spaces, double bottoms, pipe tunnels, etc. which are normally accessed when underway; see USCG PFM 2-98 for additional guidance.

Comments:

Approval not performed on behalf of any Flag Administration.

ABS Rules:

None

National Standards:

ASTM E-84 (1998)

International Standards:

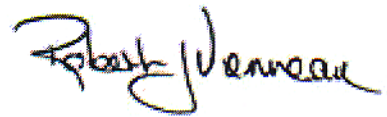
None

Government Authority:

None

Others:

None



Manager, ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.

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