



Certificate Of Fire Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	SPI, LLC dba Speciality Products and Insulation
Address	2101 Rexford Rd., Suite 300E, Charlotte, North Carolina, 28211, USA
Type	Material Having Low Flame Spread Characteristics & Not Capable Of Producing Excessive Quantities Of Smoke & Toxic Products Of Combustion
Description	Fire Resisting Material – Fibreglass cloth Type '332 Fibreglass (Navy) Cloth'.
Trade Name	'332 Fibreglass (Navy) Cloth'
Specified Standard	IMO 2010 FTP Code Resolution MSC.307(88) - Annex 1 Part 5 and Annex 2

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register North America, Inc. of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

1330 Enclave Parkway, Houston, Texas, 77077,
United States

Bruce McDonald

Global Fire & Safety Manager to Lloyd's
Register North America, Inc.
A member of the Lloyd's Register group

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DESIGN APPRAISAL DOCUMENT

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Certificate No:	LR23333094SF
Issue Date:	21/07/2023
Expiry Date:	20/07/2028
Reference:	UKITSO/FIRE/TA/BM/DS/WP50636683/PRJ11100414205

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR23333094SF

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

TEST REPORTS

Intertek Building & Construction (B&C), Fire Test Report No. 105096875SAT-018E dated 17th March 2023

CONDITIONS OF CERTIFICATION

1. When applied to a non-combustible substrate.
2. Alpha's Style 332 Hull Board is a satin weave fiberglass fabric coated with a white sizing, having a total thickness of 0.40mm and weighing 460 gm/ Sq.m. The adhesive to be used is of type Vimasco 727 at an application rate between 283 to 347 g/m2.
3. Alpha Style 332 Hull Board meets the requirements of MIL-C-20079H Type 1, Class 2.
4. Composition, application and installation of sub-components, including adhesives, seals and any fire retardants, to be maintained in production and use in accordance with originally tested composition formula and method of application and installation, and manufacturer's instructions.
5. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.
6. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products, whether manufactured by themselves or their licensee manufacturers, if agreed by Lloyd's Register, are fully compliant with the relevant statutory regulations and Lloyd's Register Class rules as applicable and designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.
7. This product fully complies with all requirements for approval according to Transport Canada procedures given in TP 14612E "Procedures for approval of life-saving appliances and fire safety systems, equipment and products".

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PLACE OF PRODUCTION

1600 Cloister Drive
Suite B
Lancaster
PA 17601

18270 Segale Park Drive B
Tukwila
WA 98188
USA

1301 Laura Lane
Lake Bluff
IL 60044
USA

Bruce McDonald
Technical Authority
Statutory to Lloyd's Register North America, Inc.

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s)

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