

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	Maxit AS
Address	Brobekkveien 84 Oslo, NO-0614 Norway
Type	PRIMARY DECK COVERING MATERIAL
Description	Fire Resisting Material - Type: "ABS Marine Elastic 600 " Primary Deck Covering Material
Specified Standard	IMO Res. MSC.61(67) - (FTP Code), Annex 1, Part 6 and Part 2 IMO MSC/Circ 1120

The attached Design Appraisal Document forms 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.

Date of issue	9 February 2011	Expiry date	8 February 2016
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Certificate No.	SAS F110065	Signed	
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Sheet No	1 of 2	Name	J. M. Evans Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group
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Note:

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 of any modification or changes to the equipment in order to obtain a valid Certificate.

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

DESIGN APPRAISAL DOCUMENT

Date 9 February 2011	Quote this reference on all future communications LDSO/SFS/TA/JE
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F110065

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

SP Swedish National Testing and Research Institute, Box 857, 501 15 Boras, Sweden, Fire Test Report No. 98R2 3163 and Enclosure 1 dated 15 June 1998.

CONDITIONS OF CERTIFICATION

1. When applied to a steel substrate.
2. Consisting of: one coat of 'ABS Marine Elastic 600' mixed with water at a ratio of 25 kg of dry powder mix to 4.3 l water; applied at a dry film thickness of 10 mm with weight 1.9 kg/m².
3. Details of material composition as supplied to LR and held in LDSO files.
4. Composition of individual layers to be maintained in production in accordance with originally tested composition formula.
5. Smoke and toxicity criteria is satisfied by meeting the total heat release (Q_t) and peak heat release rate (q_p) as stated in IMO Fire Test Procedures Code, Annex 2, Section 2.2.
6. 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.

PLACE OF PRODUCTION

Maxit AB
Lyttersta
SE-64392 Vingåker
Sweden



Lloyd's Register EMEA
Oslo Office



Jessica Evans
Senior Specialist
Statutory Fire & Safety
London Design Support Office
Lloyd's Register EMEA

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).