



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	Lamicolor S.P.A.
Address	Via Roma 23 Caramagna Piemonte (CN) Italy
Description	Fire Resisting Material - Type: "Lamco A/E decorative laminate" (0.8mm to 1.2mm thick)
Type	MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS AND NOT CAPABLE OF PRODUCING EXCESSIVE QUANTITIES OF SMOKE AN TOXIC PRODUCTS OF COMBUSTION
Specified Standard	IMO Fire Test Procedures Code, Annex 1, Part 5 and Part 2.

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	8 June 2000	Issued by	Lloyd's Register of Shipping, London
Expiry date	7 June 2005		
Certificate No.	SAS F000352	Signed	
Sheet No	1 of 2	Name	S. Bryant

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.



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DESIGN APPRAISAL DOCUMENT

Date 8 June 2000	Quote this reference on all future communications PSG/STAT/FIRE/SWE
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL NO SAS F000352

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

RINA Fire Protection Research Laboratory (Laboratorio Studi Antincendio), Italy, Fire Test Report Nos. 1999DGTO73/1 dated 6 May 1999 and 1999DGTO73/2 dated 1 June 1999.

CONDITIONS OF CERTIFICATION

1. When applied to a non combustible board, by means of glue, type SYNTECO 1256 (weight 200g/m²) produced by CASCO NOBLE, Paderno Dugnano (MI), Italy.
2. System consists of several sheets of kraft papers impregnated with phenolic resin and one decorative sheet of paper impregnated with melanic resin.
3. 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.

S. Bryant
Administrative Officer
Statutory Section
Passenger Ship and Special Service Craft Group
London Classification and Regional Support