

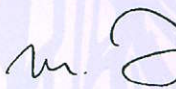
## CERTIFICATE OF FIRE APPROVAL

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.

<b>Manufacturer</b>	Rockwool A/S - Marine & Offshore
<b>Address</b>	Hovedgaden 584 2640 Hedehusene Denmark
<b>Type</b>	<b>NON-COMBUSTIBLE MATERIAL</b>
<b>Description</b>	Fire Resisting Material - Type: "Marine Wirematts 80 -105"
<b>Specified Standard</b>	IMO Fire Test Procedures Code, Annex 1, Part 1

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 January 2007	Expiry date	8 January 2012
Certificate No.	SAS F070088	Signed	
Sheet No	1 of 2	Name	M. Farrier Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

**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 January 2007	Quote this reference on all future communications LDSS/PAS/FITA/MF
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**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F070088**

This Design Appraisal Document forms part of the Certificate.

**APPROVAL/EXAMINED DOCUMENTATION**

DANAK Danish Institute of Fire and Security Technology (formerly DANTEST), Copenhagen, Denmark, File No. PF 11120, Serial No. 8066, dated 6 July 2001 with a nominal density of 105 kg/m<sup>3</sup>.

DANAK Danish Institute of Fire and Security Technology (formerly DANTEST), Copenhagen, Denmark, File No. PH 11553, Serial No. 7676, dated 27 July 2000 with a nominal density of 80 kg/m<sup>3</sup>.

**CONDITIONS OF CERTIFICATION**

1. Fire Resisting Material - Type "Rockwool Marine Wired Mat 80 - 105", Mineral wool with wire-mesh 80 kg/m<sup>3</sup> to 105 kg/m<sup>3</sup> nominal densities.
2. 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**

Rockwool A/S  
Hovedgaden 501  
2640 Hedehusene  
Denmark



Martin Farrier  
Lead Specialist  
Product Approval Services  
London Design Support Services  
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).*