



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. F-17354
This Certificate consists of 2 pages

This is to certify that the
Surface Material of Low Flame Spread

with type designation(s)
Johns Manville Glas Textile Weave


Manufactured by
Johns Manville AB
Helsingborg and Oskarström, Sweden

is found to comply with
Det Norske Veritas' Rules for Classification of Ships and Mobile Offshore Units
Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended

Application
Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire. Approved for use throughout the accommodation.



Place and date
Høvik, 2003-10-02
for DET NORSKE VERITAS AS



Kristin Urdahl
Head of Section

Local Office
DNV Gothenburg

This Certificate is valid until
2006-12-31



Kathrine Ilje
Surveyor

Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss of damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: F-17354
File No.: 471.21

Product description

“Johns Manville Glas Textile Weave”
Min. weight approx. $120 \text{ g/m}^2 \pm 12 \%$.
Max. weight approx. $190 \text{ g/m}^2 \pm 12 \%$.

Application/Limitation

Each product is to be supplied with its manual for application and maintenance.

Type Approval documentation

Certification in accordance with Certification Note No. 1.2, Type Approval, December 1996.

Test Report No. 96 R22299, dated 26 June 1996 from Swedish National Testing and Research Institute, Borås, Sweden and Product Audit Report GOT 980330, dated 17 August 1998 from DNV Gothenburg, Sweden.

Certification Retention Survey Report dated 12 August 2003 from DNV Gothenburg.

Tested according to IMO FTPC part 5 (IMO Res. A.653 (16)) and IMO FTPC Annex 2 item 2.2.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and fire-technical rating.

Certificate retention survey

Det Norske Veritas' surveyor is to be given permission to perform Certification Retention Surveys at any time during the validity period of this certificate. The arrangement is to be in accordance with procedure described in item 4.3, Certification Note No. 1.2.

END OF CERTIFICATE

