



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. F-17879

This Certificate consists of 2 pages

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

with type designation(s)
INTUMAX EP-1115

Manufactured by
Broadview Technologies, Inc.
Newark, NJ 07105, United States

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

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, 2005-10-11
for DET NORSKE VERITAS AS



Hilde Smedal Thunes
Head of Section



Local Office
DNV New York

This Certificate is valid until
2009-12-31



Helge Bjørnara
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 or 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-17879
File No.: 471.21
Case No.: 262.1-000297

Product description

“INTUMAX EP-1115”

two component epoxy fire retardant - intumescent coating based on non-halogenated phosphate technology.

Application/Limitation

Approved for use on metallic surface with thickness of at least 1.8 mm (IMO MSC/Circ. 1004).

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.

Retention survey report dated 19 September 2005 from DNV New York.

Test report nos. VTEC #100-1381-1 dated 20 June 2001 and VTEC #100-1388 dated 11 July 2001 both from VTEC Laboratories Inc., New York, USA.

Tested according to IMO FTPC Part 5 (IMO Res. A.653 (16)) and Part 2 (MSC.41(64)).

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

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

