



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2008/67/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-5670**

This is to certify that the
Surface materials and floor coverings with low flame-spread characteristics: pipe insulation covers

with type designation(s)
Stenca HT Pipe / Stenca HT Flange Box / Stenca HT Valve Box

Manufacturer
Stenca Trading A/S
Aalborg Ø, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18d and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO FTP Code

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2009-11-02
for Det Norske Veritas AS




This certificate is valid until
2012-03-15

Notified Body No.: **0575**


Eivind Mykland
Head of Department

DNV local office:
DNV Aalborg


Amir Dzaferi
Surveyor



Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.
The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-5670
Item No.: A1/3.18d
Job Id.: 344.1-002098-2

Product description

"Stenca HT Pipe / Stenca HT Flange Box / Stenca HT Valve Box"

pipe insulation material composed of calcium silikat foam type Skamol SuperPro 300 and glass fibre mat type SCF/6 fitted to the insulation with adhesive Skamol SuperPro S-Glue.

Total thickness is approx. 44 mm and density 335 kg/m³.

Application/Limitation

Approved for use as low flame spread material, not generating excessive quantities of smoke nor toxic products in fire.

The product may be used on cold service pipework / fittings for refrigeration system everywhere onboard, and for pipework, fittings, air ducts and tanks insulation in cargo areas, mail rooms, baggage rooms and refrigerated compartments of service spaces, and exterior locations (SOLAS II-2/5.3.1.1).

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO FTP Code Part 5

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2.

Extent of application is to be considered and accepted for each case/project.

Manufactured at the premises of: Salling Plast A/S, Ranum, Denmark.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test report No. SN03/3114.1 dated 5 March 2003 from TÜV Brandversuchs Haus, Hamburg, Germany

Tested according to IMO FTPC Part 5, 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 and Mark of Conformity (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a of Certificate Conformity.

