



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

CERTIFICATE NO. RCD-B-366

This Certificate consists of 3 pages

This is to certify that the product

Hatches
274.19

with type designation(s)

MK IV Flush Deck Hatch of Aluminium or Stainless Steel:
Aluminium as Circular 500 Dia, 620 Dia and Square 620.
Stainless Steel as Circular 620 Dia and Square 620.

Manufactured by

Trend Marine Products Limited
GREAT YARMOUTH NR29 5BG, United Kingdom

has been assessed with respect to

the conformity assessment procedure described in Annex VII (Module B) of
Council Directive 94/25/EC on Recreational Craft as amended by Directive 2003/44/EC,
and found to comply with the applicable requirements

Further details are given overleaf.

Place and date
Høvik, 2008-12-02
for DET NORSKE VERITAS



Notified Body No.: 0575

Marianne Strand Valderhaug
Head of Section

Hallgeir B. Eilertsen
Surveyor

Notice: The certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product may render this certificate invalid.

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.

Jurisdiction

DNV is appointed by the Norwegian Ministry of Trade and Industry as a "Notified Body" under the terms of the Norwegian regulation - FOR 2004-12-20 nr. 1820 "Forskrift om produksjon og omsetning av fritidsfartøy m.v.", and - Article 9 of Council Directive 94/25/EC as amended.

Certificate history

This is a renewal of Certificate no. RCD-B-143, issued 2005-10-10.
All Supplements issued after the issue of the previous Certificate have been incorporated.

Product description

- Flush mounted deck hatch of aluminium BS 6063 or stainless steel AISI 316.
- Circular shapes of dia 500 or 620 mm or square shape with 602/618 mm apertures.
 - Glazing material of PMMA or laminated/tempered glass.
 - Hatch seal of EDPM.
 - Handles of glass filled nylon.
 - Hinges of glass filled nylon or stainless steel AISI 316.
 - Stay assembly of friction type or gas strut.

	Circular 500 Alu	Circular 620 Alu or SS	Circular 620 SS	Square 620 Alu or SS
Glazing PMMA	10 mm	12 mm		12 mm
Glazing laminated glass			14 mm	
Glazing tempered glass	8 mm	8 mm		8 mm
Nos. of handles / hinges	2 / 1	3 / 1	3 / 1	2 / 2

Applications/Limitations

May be used on Recreational Craft subject to CE-marking according to Council Directive 94/25/EC as amended in Application Location Area *IIa* according to ISO12216 on *Any* Craft Type of *Any* Design Category.

Hatch with glazing material of glass shall not be used forward of mast/foremast on sailing boats.

Technical documentation

Applied Standards/Tests carried out

ISO12216:2002 Small Craft – Windows, Portlights, Hatches, Deadlights and Doors-
Strength and tightness requirements

Test reports, dated: 1996-12-18, 2000-08-08, 2002-10-30 and 2002-11-08 covering:

- Pressure Tightness, - Rope Jamming, - Unintentional Stepping, - Hatch and Hinge Strength

Terms and conditions

The product liability rests with the manufacturer, his representative or, in the absence of a representative, the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- Changes in the design or construction of the product
- Changes or amendments to the Directive
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the Directive

Marking of product

This Certificate is concerned with the design of the product, only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer must also have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EC declaration of conformity.

Conformity assessment procedures for production:

- Conformity to type (Annex VIII/Module C)
- Production quality assurance (Annex IX/Module D)
- Product quality assurance (Annex XVI/Module E)
- Product verification (Annex X/Module F)

Other directives, covering other phenomena, and also having requirements related to CE marking, might also apply.

END OF CERTIFICATE