



# DET NORSKE VERITAS

## TYPE EXAMINATION CERTIFICATE

CERTIFICATE NO. **RC-B-1003**

This is to certify that the  
**Sound insulation material**

with type designation(s)

**B6 IsoBoat and B6Iso Flock FR**

Manufactured by

**B6 Akustik A/S**  
**SÆBY, Denmark**

is found to comply with

- DNV Standard for Certification No. 2.21 Craft. Ch5 Sec.6 B201
- EN ISO 9094-1:2003 Small Craft – Fire protection – Part 1. Ch.4.4.1
- EN ISO 9094-2:2002 Small Craft – Fire protection – Part 2. Ch.4.5.2

Application

**To be used as insulation material in engine spaces on Recreational Craft**

This Certificate is valid until **2017-12-31**.

Issued at **Høvik** on **2013-11-04**

DNV local station: **Stockholm**

Approval Engineer: **Håkan Lindqvist**



for **Det Norske Veritas AS**

**Ake Brundin**  
**Head of Section**

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 Examination 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.

## Product description

### B6 IsoBoat:

- Aluminium coated PET foil with nominal thickness 12  $\mu\text{m}$
- Polyether foam with nominal density 28  $\text{kg/m}^3$ , -thickness 20 mm
- Mineral filled PVC sound barrier with nominal area weight 6  $\text{kg/m}^3$ , thickness 2,4 mm
- Polyether foam with nominal density 28  $\text{kg/m}^3$ , -thickness 10 mm

### B6 IsoFlock FR:

- Aluminium coated PET foil with nominal thickness 12  $\mu\text{m}$
- Bonded polyurethane foam with nominal density 100  $\text{kg/m}^3$ , -thickness 10-50 mm

## Application/Limitation

To be used as insulation material in engine spaces on Recreational Craft.

## Type Examination documentation

### B6 IsoBoat:

QinetiQ Fire Research & Characterisation, Test Report HAF154, dated 2005-06-29.

### B6 IsoFlock FR:

QinetiQ Fire Research & Characterisation, Test Report HAF186, dated 2005-08-16.

## Tests carried out

Determination of Oxygene Index according to ISO4589-3 at an ambient temperature of 60 °C.

## Marking of product

Package/product shall be marked in accordance with *Type Designation*.

## Certificate Retention Survey

The scope of the renewal survey is to verify that the concessions stipulated for the type approval is complied with and that no alterations are made to the product design or choice of materials.

Survey is to be performed at renewal.

**END of Certificate**