

## EC TYPE EXAMINATION CERTIFICATE

This is to certify that:

SP Fire Research AS, specified as a *notified body* under the terms of "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate, did undertake the relevant type approval procedure for the equipment identified below which was found to be in compliance with the Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC as amended, last amended by directive (EU) 2015/559 subject to any conditions in the schedule attached hereto.

### Certificate No. MED-B-0216

This Certificate consists of 3 pages

### Upholstered Furniture

(see list of furniture trade names in the certificate)

### Type designations (see page 2)

**Manufactured by  
Ekornes Contract AS  
6230 Sykkylven**

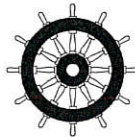
**Regulations and standards: Annex A.1, item No: A.1/3.20 and Annex B, Module B in the Directive SOLAS 74/2009: Reg. II-2/3, II-2/5, II-2/9, X/3, 2000HSC Code 7, IMO 2010 FTP Code, Part 8.**

The attached forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provide the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

**Place and date of issue:  
Trondheim, 2016-06-23**

**This certificate is valid until:  
2021-06-23**



**Notified Body No. 1084**

  
**Asbjørn Østnor**  
Discipline Manager Documentation

  
**Jan Paul Stensaas**  
Project Manager Documentation

**Notice:**

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

The mark of Conformity may only be affixed to the product and the Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.

### **Furniture trade names and product description:**

#### **Cover:**

##### *Leather:*

Batick (0.9 ± 0.1 mm)

Paloma (1.0 ± 0.1 mm)

Royalin (1.4 ± 0.1 mm)

Cori (1.3 ± 0.1 mm)

##### *Textile:*

Siena (76 % polyolefin, 24 % Trevira CS)

#### **Foam wedding:**

CMHR2 (29 – 31 kg/m<sup>3</sup>)

CMHR4 (29 – 31 kg/m<sup>3</sup>)

CMHR5 (35 kg/m<sup>3</sup>)

CH3532 in seat

CH2715 in back

#### **Fiber wadding:**

Polyester fibre wadding (80 g/m<sup>2</sup>)

Polyester fibre wadding (460 g/m<sup>2</sup>)

### **Applications/Limitation of use:**

Approved for use throughout the accommodation as upholstered fabrics. Other trade names than above are accepted provided the product is within the limitations given above for composition and density. Each product is to be supplied with its manual for installation and use.

### **Tests carried out**

Tested according to IMO FTPC Part 8 (IMO Res. A. 652(16)) and in compliance with IMO 2010 FTP Code Ch. 8, and according to IMO 2010 FTP Code part 8.

Detailed product design and principle design of installation details are described in "Standard construction details for Upholstered Furniture, belonging to the certificate MED-B-0216". The version of the construction details filed at SP Fire Research AS at any time is a formal part of the certificate.

### **Type approval documentation:**

Test Report No. F15 130005-04:01, dated 2015-08-21 from SP Fire Research AS

Test Report No. F15 130005-04:02, dated 2015-08-24 from SP Fire Research AS

Test Report No. F15 130005-04:03, dated 2015-08-24 from SP Fire Research AS

Test Report No. F15 130005-04:04, dated 2015-08-26 from SP Fire Research AS

Test Report No. F15 130005-04:06, dated 2015-08-27 from SP Fire Research AS

Test Report No. F15 130005-04:07, dated 2015-08-24 from SP Fire Research AS

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Test Report No. F15 130005-04:08, dated 2015-08-24 from SP Fire Research AS  
Test Report No. F15 130005-04:09, dated 2015-08-24 from SP Fire Research AS  
Test Report No. F15 130005-04:10, dated 2015-10-16 from SP Fire Research AS  
Test Report No. F15 130005-04:11, dated 2015-10-16 from SP Fire Research AS  
Test Report No. F15 130005-04:12, dated 2015-10-16 from SP Fire Research AS

Tested according to IMO 2010 FTP Code, Part 8.

**Marking for identification:**

The product or packing is to be marked with the name of manufacturer, trade name and Mark of Conformity. The labelling shall have good visibility.

**Mark of conformity:**

The Mark of Conformity  according to Article 11 in the Council Directive 96/98/EC on Marine Equipment may only be affixed to the type approved equipment and a manufacturer's Declaration of Conformity issued, only when the production-control phase module Module D, E, or F of Annex B of the mentioned Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Module D: Production Quality Assurance  
Module E: Product Quality Assurance  
Module F: Product verification.

End of Certificate.