

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics:
Adhesives**

with type designation(s)
Kestopur PL series

Issued to
Kiilto Oy
LEMPÄÄLÄ, Finland

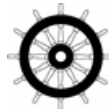
is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18e and Annex B, Module B in the Directive; SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2021-05-18**.

Issued at **Høvik** on **2016-05-19**

DNV GL local station:
Turku



for **DNV GL AS**

Approval Engineer:
Tessa Biever

Notified Body
No.: **0575**

Vidar Dolonen
Head of Notified Body



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

Job Id: **344.1-005291-5**
Certificate No: **MEDB00000WE**

Product description

Two component polyurethane adhesive type designated "Kestopur PL series" (beige colour), with Kestopur 200/S as hardener (brown colour). Mixed ratio 5/1 (weight).

Applied maximum amount of wet adhesive: 300 g/m².

Application/Limitation

Approved for use as adhesive with low flame spread characteristics.

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

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

Type Examination documentation

Test report no. PFB10194A dated 2016-01-12 by Danish Institute of Fire and Security Technology (DBI), Denmark.

Statement from manufacturer wrt PU adhesives - trade names, dated 2016-05-15.

Tests carried out

Tested according to IMO 2010 FTP Code Part 5.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and MED Mark of Conformity (see page 1).