

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government 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 110/8

Issued to

Kiilto Oy
LEMPÄÄLÄ, Finland

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2018/773**,

item No. MED/3.18e. SOLAS 74, Reg. II-2/3, II-2/5, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

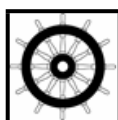
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-07-02**.

Issued at **Høvik** on **2018-07-03**

DNV GL local station:
Turku

Approval Engineer:
Tessa Biever



Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
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 Directive 2014/90/EU.

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. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

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: **344.1-008188-1**
Certificate No: **MEDB000043U**

Product description

"KESTOPUR PL 110/8"

Is a beige coloured solvent free, fast curing, moisture curing one-component polyurethane adhesive which forms a strong joint. The adhesive builds foam while curing.

Nominal density: 1.4 kg/l
Max. amount of wet product: 200 g/m²

Application/Limitation

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

The product satisfies the requirement for maximum calorific value (ref. Solas Chapter II-2, Reg 5.3.2.2) without further testing.

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

Type Examination documentation

Test report No. PFB10280A dated 17 November 2017 from Danish Institute of Fire and Security Technology, Denmark.

Statement from manufacturer dated 2018-05-23 (product name 225419/10KT = PL 110/8).

Tests carried out

Tested according to IMO 2010 FTP Code Part 5 and Annex 2 item 2.2 and 2.3.

Marking of product

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