

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000047D
Revision No:
1

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: decorative veneers

with type designation(s)
EC-PI 626 AS2, EC-PI 626 AT2, EC-PI 626 AV2, EC-PI 626 AY2, EC-PI 626 AV

Issued to
Euro-Composites S.A.
Echternach, Luxembourg

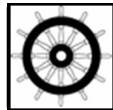
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773**,
item No. MED/3.18a. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2023-09-27**.

Issued at **Høvik** on **2019-06-26**

DNV GL local station:
Rotterdam, Product Certification /Verification



for **DNV GL AS**

Approval Engineer:
Marcin Tobiasz

Notified Body
No.: **0575**

Roald Vårheim
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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: **344.1-001994-7**
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Product description

"EC-PI 626 AS2, EC-PI 626 AT2, EC-PI 626 AV2, EC-PI 626 AY2, EC-PI 626 AV"
consists of surface veneer composed of 0.6mm to 2.0mm printed aluminium cover sheets attached on both sides of an aluminium honeycomb core with an epoxy adhesive ST1035 (manufactured by SAFRAN Structil). Total thickness: 10 – 50 mm.

Product	Max organic content	Approved colour	Cover sheet	Max applied weight:	Honeycomb type
EC-PI 626 AS2	13.5%	Light grey	0.6 mm	4.27 kg/m ² ± 10%	ECM 6.4-60 2 mil
EC-PI 626 AT2	10.8%	Light grey	0.8 mm	5.32 kg/m ² ± 10%	ECM 6.4-60 2 mil
EC-PI 626 AV2	8.1%	Light grey	1.0 mm	6.38 kg/m ² ± 10%	ECM 6.4-60 2 mil
EC-PI 626 AY2	3.6%	Light grey	2.0 mm	14.06 kg/m ² ± 10%	ECM 6.4-60 2 mil
EC-PI 626 AV	9.03%	Light grey	1.0 mm	9.83 kg/m ² ± 10%	ECM 6.4-82 3 mil

Application/Limitation

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

Approved for use as decorative veneer on any metallic base and non-combustible base.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code Part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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 installation, use and maintenance.

Type Examination documentation

Test report No. 18/0343 dated 14 May 2018
Test report No. 18/0344 dated 14 May 2018
Test report No. 18/0390 dated 14 May 2018
Test report No. 18/0391 dated 14 May 2018
Test report No. 19/0191 dated 22 February 2019
Test report No. 19/0192 dated 22 February 2019
Test report No. 19/0272 dated 25 February 2019
all from Currenta GmbH & Co. OHG, Leverkusen, Germany.

Tests carried out

Tested according to IMO 2010 FTP Code Part 5 and 2.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see first page).