

# 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 the Kingdom of Norway.

## This is to certify:

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

with type designation(s)  
**AYRLITE 2054**

Issued to

**Ayres Composite Panels  
Bayswater WA, Australia**

is found to comply with the requirements in the following Regulations/Standards:  
Regulation (EU) 2015/559,

**Annex A.1, item No. A.1/3.18a 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 **2022-02-20**.

Issued at **Høvik** on **2017-02-21**

DNV GL local station:  
**Fremantle**

Approval Engineer:  
**Tessa Bieber**



Notified Body  
No.: **0575**

for **DNV GL AS**



Digitally Signed By: Hoff, Øyvind  
Location: DNV GL Høvik, Norway  
Signing Date: 24.02.2017, on behalf of

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



### Product description

"AYRLITE 2054"

panel comprising of a non-combustible aluminium honeycomb core with cell diameter of 6.35 mm bonded on both sides with aluminium sheets with minimum thickness 0.3 mm, and the front or both sides finished with decorative HPL laminates (maximum thickness 0.4 mm).

Minimum overall panel thickness is 6 mm.

### Application/Limitation

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

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 MED certified.

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

The panels may be regarded as C-class division (Ref. SOLAS II-2 Reg. 3.10 and IMO MSC/Circ. 1120).

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

### Type Examination documentation

Test Report Nos.:

- PX13977 dated 14 September 2011
- PX18750 and PX18750-1 both dated 13 March 2012
- PX18750-2 dated 14 March 2012

All from from SP, Sweden.

### Tests carried out

Tested according to IMO FTPC Parts 2 and 5 and found in compliance with IMO 2010 FTP Code Ch. 8.

The aluminium honeycomb core is tested according to IMO FTPC part 1 and found in compliance with IMO 2010 FTP Code Ch. 8.

### Marking of product

The product or packing is to be marked with name and address of the manufacturer, type designation, Mark of Conformity and USCG approval number if applicable (see page 1).