

# U. S. Department of Homeland Security

## United States Coast Guard

# Certificate of Approval

Coast Guard Approval Number: 164.112/102/0

Expires: 05 May 2018

INTERIOR FINISH (IMO)

AYRES COMPOSITE PANELS USA, LLC  
5460 Business Parkway  
Theodore AL 36582

"AYRLITE 2054" decorative laminate faced aluminum honeycomb panel is approved as an interior finish meeting Parts 2 and 5 of Annex 1 of the IMO FTP Code.

"AYRLITE 2054" consists of decorative laminate applied to one or both sides of the non-combustible AYRLITE 2022 (Approval No. 164.109/54/1). The laminate thickness on a side must be a maximum of 0.4 mm. The aluminum skin thickness must be a minimum 0.3 mm and the honeycomb thickness of the panel must be a maximum of 50.8 mm.

Identifying Data: Part 5 - Southwest Research Institute (SwRI) Project No. 01.10934.01.640b dated April 2006; SwRI Project No. 01.14436.01.336a dated July 22, 2009; Part 2 - SwRI Project 01.11850.01.309c dated April 2006; SwRI Project No. 01.14436.01.336b dated July 29, 2009; and Follow-up - SwRI Project No. 01.2500.02.141, Rev 2, Change 1, dated October 20, 2010.

Deemed to be less than the maximum 45 MJ per square meter calorific content as thickness of applied finish is less than 2 mm.

Follow-Up Program: Southwest Research Institute.  
Only valid for laminated panels manufactured at Theodore, Alabama, USA.

This certificate extends Certificate No. 164.112/102/0 dated 1 November 2010.



1408/13

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 2004 and by the "Agreement between the European Free Trade Association countries which are part of the European Economic Area and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed October 2005. Item complies with requirements of Annex A.1, Item No. A.1/3.18 of the directive.

\*\*\* END \*\*\*

THIS IS TO CERTIFY THAT the above named manufacturer has submitted to the undersigned satisfactory evidence that the item specified herein complies with the applicable laws and regulations as outlined on the reverse side of this Certificate, and approval is hereby given. This approval shall be in effect until the expiration date hereon unless sooner canceled or suspended by proper authority.

GIVEN UNDER MY HAND THIS 5<sup>th</sup> DAY OF  
MAY 2013, AT WASHINGTON D.C.

K. J. HEINZ  
Chief, Lifesaving and Fire Safety Division  
BY DIRECTION OF THE COMMANDANT

