



U. S. Department of Homeland Security
United States Coast Guard
Certificate of Approval

Coast Guard Approval Number: 164.207/7/0

Expires: 14 July 2021

FIRE-RESISTING DIVISION FOR HIGH SPEED CRAFT
STRUCTURAL INSULATION

CBG SYSTEMS PTY LTD
11 Bender Drive, Derwent Park
Hobart Tasmania 7009
AUSTRALIA

"Rapid Access" 60 minute load-bearing composite fire resisting deckhead system for restricted applications. Provides 60 minutes of protection when installed on aluminum plate of at least 5.5 mm thickness.

This is a restricted approval to be used only where the hazard of fire exists solely under the aluminum deck.

Approval in accordance with IMO resolution MSC.45(65) for installation with insulation applied to the underside of the deck. Nominal panel size is 1200 mm x 2400 mm assembled with a steel framework and coverplate system described in manufacturer's drawings RAC/CHS, RAC/CHL, RAC/CSB, RAC/COV, RAC/BSO, RAC/HR, RAC/Eyebolt, RAC/Clip, RAC/CSS, and RAC/CSL; all dated 30 June 2010. Panels are "Ayrelite 3001" composite lining panels approved under 164.201/1/0, consisting of aluminum honeycomb substrate with HTF insulation on the exposed side, faced with either an aluminized basalt cloth or EKV-161 coated glass fiber fabric. Minimum air gap between liner panels and structural core is 300 mm. Not tested with access doors or other penetrations of the insulation layer.

Identifying Data: SP fire test reports P803736 dated November 3, 2008 and P802104 dated June 2, 2008, and USCG letter dated July 14, 2016.

Follow-up: SwRI.

Manufacturing locations: CBG Systems Pty Ltd at Derwent Park, TAS 7009, Australia; Ayres Composite Panels Pty Ltd at Bayswater, WA 6053, Australia and Theodore, AL, USA. Approval valid only for products manufactured at above locations.

Formerly known as Colbeck & Gunton.

Approval lapsed from May 30, 2014 to July 13, 2016.

Reinstates approval with this certificate. Previous certificate dated January 29, 2014 expired May 29, 2014.

*** 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 14th DAY OF
JULY 2016, AT WASHINGTON D.C.

B. A. BALDWIN
Chief, Lifesaving and Fire Safety Division
BY DIRECTION OF THE COMMANDANT



TERMS: The approval of the item described on the face of the Certificate has been based upon the submittal of satisfactory evidence that the item complies with the applicable provisions of the navigation and shipping laws and the applicable regulations in Title 33 and/or Title 46 of the Code of Federal Regulations. The approval is subject to any conditions noted on this Certificate and in the applicable laws and regulations governing the use of the item on vessels subject to Coast Guard inspection or on other vessels and boats.

Consideration will be given to an extension of this approval provided application is made 3 months prior to the expiration date of this Certificate.

The approval holder is responsible for making sure that the required inspections or tests of materials or devices covered by this approval are carried out during production as prescribed in the applicable regulations.

The approval of the item covered by this certificate is valid only so long as the item is manufactured in conformance with the details of the approved drawings, specifications, or other data referred to. No modification in the approved design, construction, or materials is to be adopted until the modification has been presented for consideration by the Commandant and confirmation received that the proposed alteration is acceptable.

NOTICE: Where a manufacturer of safety-at-sea equipment is offering for sale to the maritime industry, directly or indirectly, equipment represented to be approved, which fails to conform with either the design details or material specifications, or both, as approved by the Coast Guard, immediate action may be taken to invoke the various penalties and sanctions provided by law including prosecution under 46 U.S.C. 3318, which provides:

"A person that knowingly manufactures, sells, offers for sale, or possesses with intent to sell, any equipment subject to this part (*Part B. of Subtitle II of Title 46 U.S.C.*) and the equipment is so defective as to be insufficient to accomplish the purpose for which it is intended, shall be fined not more than \$10,000, imprisoned for not more than 5 years or both."