



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

Coast Guard Approval Number: 164.140/9/0

Expires: 30 July 2023

PENETRATION SEALS H-CLASS

Roxtec International AB
2 Rombvagen, 37165
Lyckeby SWEDEN

SBTB Transit Frame System models 4X1 up to 8X4 meeting restricted H-120 criteria for steel bulkheads. Tested to the 2010 IMO FTP Code, Annex 1, Part 3, utilizing the hydrocarbon curve from ASTM E1529.

Restricted approval for Roxtec SBTB Transit Frame System models 4X1 up to 8X4 for installation in H-120 bulkheads. Insulation must be on fire hazard side, and the unexposed side must have zero fire risk. SBTB frames 4X1 up to 8X1 may be installed on unexposed side or symmetrically, SBTB frames from 8X1 up to 8X4 must be installed on the unexposed side.

RM20w40, RM30, RM40, RM60, RM120WOC modules are allowed, up to a maximum of 40% fill density.

Identifying Data: SwRI Project No. 01.25000.02.218 dated 13 April, 2018, SwRI Project No. 01.23236.18.315[1] dated April 25, 2018; Follow-up document 01.2500.02.218 issued April 2018; Roxtec drawing S1529243 Rev B dated January 05 2018, Roxtec drawing S1527487 Rev B dated 20 November, 2017 and USCG letter dated 30 July 2018.

Follow-up Program: Southwest Research Institute
Approval valid only for products manufactured at Lyckeby Sweden

*** 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 30 DAY OF
JULY 2018, 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."