DNV·GL

Certificate No:
TAF000019W

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class B Door

with type designation(s)
BJMB15 II type B-15 class Service Door

Issued to
Huanan Building Materials (Shenzhen) Co., Ltd.
Shenzhen, Guangdong, China

is found to comply with
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations
DNV GL rules for classification – Ships
DNV GL offshore standards

Application :

Approved for use as an integrated part of fire resisting divisions of class B-15.

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Issued at **Høvik** on **2019-11-22**
This Certificate is valid until **2024-11-21**.
DNV GL local station: **China South NB**

Approval Engineer: **Grzegorz Wolski**

for **DNV GL**

Mårten Schei-Nilsson
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Job Id: **262.1-011420-8**
Certificate No: **TAF000019W**

Product description

"BJMB15 II type B-15 class Service Door"
Service door constructed by 0.6 mm galvanic steel sheets around an insulation core of 28.8 mm "Marine Rock Wool Plate (150 kg/m^3)" from Rockwool Firesafe Insulation Co., Ltd. The rock wool and steel panels are glued to each other with "YEBOND2002X/YEBOND8001" type marine adhesive (manufactured by Shanghai Hansi Industrial Co., Ltd.). Inner frame and door frame is constructed by 1.2 mm steel profiles and welded to the panels. The service door is fitted with 2 hinges and a two pointed handspike lock.

For further details see the drawing listed under Type Approval documentation below.

Application/Limitation

Approved for use as an integrated part of fire retarding division of class B-15.

Maximum clear opening of door: 500 mm x 2050 mm (W x H).

Any surface materials used have to be approved for smoke and toxicity and low flame-spread characteristics (IMO 2010 FTP Code parts 2 and 5) when required according to relevant rules and regulations.

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.

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

Type Approval documentation

Tests carried out

Tested according to IMO FTPC Part 3, and in compliance with IMO 2010 FTP Code Ch.8.

Marking of product

The product is to be marked with name of manufacturer, type designation and fire technical rating.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.