

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Horizontal Class B Division**with type designation(s)
T25P Type Continuous Class B-0 Ceiling

Issued to

Huanan Building Materials (Shenzhen) Co., Ltd.
Dongguan City Guangdong, Chinais found to comply with
DNV GL offshore standards
DNV GL rules for classification – Ships
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations**Application :****Approved for use as a fire retarding division of class B-0.****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 **2018-01-15**This Certificate is valid until **2022-12-31**.for **DNV GL**DNV GL local station: **Guangzhou FiS**Approval Engineer: **Piotr Orzechowski**.....
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: **262.1-016208-2**
Certificate No: **TAF00000W0**

Product description

"T25P Type Continuous Class B-0 Ceiling"

composed of panels suspended 350 mm below the structural deck, constructed of two 25 mm thick layer of rock wool (from Rockwool Firesafe Insulation Co., Ltd.) of nominal density 80 kg/m³ and faced on exposed side with 0.55 mm thick galvanized steel plate.

Max. thickness of panels is 25 mm.

The panels are connected to each other on the short side by "⊥" type beams with hangers spaced at 900 mm.

For further details see approved drawings listed under Type Approval documentation below.

Application/Limitation

Approved for use as a fire retarding division of class B-0.

Max. dimension of panels: 2420 x 300 (Length x Width).

Max. distance between hangers: 900 mm

Any surface materials used have to be approved for smoke and toxicity and low flame spread characteristics to IMO 2010 FTP Code part 2 and 5 or IMO FTPC Part 2 and 5 when in compliance with the IMO 2010 FTP code Ch. 5.2 and 8 when required according to relevant rules.

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

Type Approval documentation

Certification in accordance with Class Program DNVGL-CP-0338, October 2017.

Test report No. FT13154 dated 14 June 2013 Far East Fire Testing Centre, Shanghai, China.

Drawing No. Q354HN90-00SY (9 sheets) dated 28 February 2013 from manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product or packing 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.