# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
**MEDB0000152**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate.
This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

## This is to certify:

**That the "B" Class divisions, fire integrity**
with type designation(s)
**B25A Type Class B-0 Lining**
Issued to

## Huanan Building Materials (Shenzhen) Co., Ltd.

**SHENZHEN GUANGDONG, China**

is found to comply with the requirements in the following Regulations/Standards:
**Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO 2010 FTP Code.**
Further details of the equipment and conditions for certification are given overleaf.
This Certificate is valid until **2021-07-11**.

Issued at **Høvik** on **2016-07-12**

Notified Body
No.: **0575**

DNV GL local station:
**China South CMC/ SIO**
Approval Engineer:
**Piotr Orzechowski**

for **DNV GL AS**

**Vidar Dolonen**
**Head of Notified Body**


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## Product description

"B25A Type Class B-0 Lining"
composed of lining panels mounted with an 90 mm air gap to the structural steel bulkhead.
The lining panels are composed of mineral wool with density 120 kg/$m^3$ (manufacturer by Rockwool Firesafe Insulation (Guangzhou) Co., Ltd.) with 0.55 mm thick galvanized steel sheets on both sides.
The panels are mounted in an enclosed frame made of two 30 x 30 x 3 mm steel L-profiles.
The panels are joined together by means of male/female connections.
Total panel thickness is 25 mm.
For detail information please see approved drawing listed under Type Examination documentation below.

## Application/Limitation

Approved for use as a vertical fire retarding division of class B-0. When linings panels are installed minimum 90 mm from a structural steel bulkhead, the whole construction is to be regarded as a fire resisting division of class A-30.
Maximum panel size: 650 x 2970 mm (width x height).
The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.
Each product is to be supplied with its manual for installation, use and maintenance.

## Type Examination documentation

## 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, fire-technical rating, the MED Mark of Conformity and USCG approval number if applicable.