

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Primary Deck Covering

with type designation(s)
Primary Deck Covering, type MS-1200

Issued to

Dalian Mingyang Deck Covering Co., Ltd.
Dalian, China

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

Application :

Primary deck covering, not generating excessive quantities of smoke nor toxic products.

This certificate is recognised by Transport Canada.

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

Issued at **Hamburg** on **2018-03-21**

This Certificate is valid until **2023-03-20**.

DNV GL local station: **Dalian**

for **DNV GL**

Approval Engineer: **Pavel Golyshev**

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Jörg Kallies
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: **262.1-027603-1**
Certificate No: **TAF00000X4**

Product description

"Primary Deck Covering, type MS-1200"

Mainly composed of quartz sand, silicon cement, anhydrite, sulphur aluminate cement, inorganic filler, organic stabilizing agent etc.

Max. thickness: 8 mm

Colour: grey

Max. organic content: 12%

Application/Limitation

Approved for use throughout the accommodation.

The product may also be used as floor covering.

The product may be applied over steel or any non-combustible material.

Not to be used as an integrated part of horizontal class A division, unless tested as such.

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

Type Approval documentation

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

Test Report Nos. FT07191 dated 10th of September 2007 and FT07192 dated 22nd of September 2007 both issued by Far East Fire Testing Centre, Shanghai, China.

Tests carried out

Tested according to IMO Res. MSC.61(67) – FTP Code, Annex 1, Parts 2 and 6 and in compliance with IMO Res.307(88) – 2010 FTP Code, Clause 8.

Marking of product

The product or packing is to be marked with name and address of manufacturer and type designation.

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 Program DNVGL-CP-0338, Section 4.