

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Primary Deck Covering**

with type designation(s)
SikaFloor® Marine VEM

Issued to

Sika Services AG
ZURICH, Switzerland

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

Application :

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

This certificate is recognised by Transport Canada.

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

Issued at **Høvik** on **2018-01-03**

for **DNV GL**

This Certificate is valid until **2023-01-02**.

DNV GL local station: **Augsburg**

Approval Engineer: **Timo Linn**

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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: **262.1-027351-1**
Certificate No: **TAF00000V6**

Product description

"SikaFloor® Marine VEM"

composed of of 32.36 % Organic substance+ 26.47% Cement binders + 65.74% Mineral aggregates + Additives complement to 100%.

Max thickness is 2mm

Density: 1.3Kg/L

Maximum gross calorific value: 24.96 MJ/m² (9.6 MJ/kg)

Application/Limitation

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

Approved for use throughout the accommodation.

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 reports No.942.4IMO080/13, No. 942.4/IMO090/13 and No. 942.4/IMO100/13 all dated 26 July 2013 from LAPI, Laboratorio Prevenzione Incendi SpA, Italy.

Tests carried out

Tested according to IMO 2010 FTP Code Annex1, Part 2 and 5.

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.