

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Non-Combustible Material**

with type designation(s)
Sikafloor® Marine 190

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 :

Approved for use as non-combustible materials.

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 **2018-01-03**

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: **262.1-027345-1**
Certificate No: **TAF00000V9**

Product description

"SikaFloor® Marine 190"

composed 25% Cement binders - 1,5% Polymeric additives - 1% Inorganic additives - 72,5% Inert inorganic aggregates. Organic material content 1,8%.

Thickness: Max. 10mm

Density: 2050 g/m²

Application/Limitation

Approved for use as non-combustible materials.

The product may be used as an integrated part of approved fire resisting divisions only when tested as such.

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

Type Approval documentation

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

Test reports No.765.4IM0070/15 dated 19th of June 2015 from LAPI, Laboratorio Prevenzione Incendi SpA, Italy.

Tests carried out

Tested according to IMO 2010 FTP Code Annex 1, Part 1.

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.