

EC-TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

DBI Certification did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the schedule attached hereto.

Manufacturer	Sika Services AG
Address	Tuffenwies 16, UID:CHE-109.636.794 - Reverse Charge, CH-8048, Zurich, Switzerland
Directive Reference	MED Directive 2014/90/EU , Regulation as amended by MED (EU) 2024/1975.
Regulation Item	MED/3.1; IMO Res.MSC.307(88)-(2010 FTP Code), as amended.; Primary decks covering
Product Type	Primary deck coverings
Product Name	Sikafloor® Marine VEM 190
Specified requirements:	Row 1 of 1 of the MED item of regulation as amended by MED (EU) 2024/1975. Reference standard: SOLAS 74 Reg II-2/4, SOLAS 74 Reg II-2/6, SOLAS 74 Reg X/3 Testing standards: IMO Res.MSC.307(88)-(2010 FTP Code), as amended.

The attached (*schedule of approval*) forms part of this certificate.

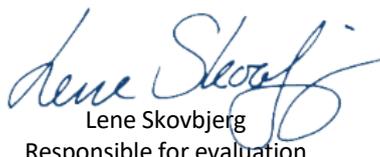
This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.

Date of issue	2026-01-23	Issued by DBI Certification Notified Body No. 2531
Expiry date	2031-01-23	

This equipment is covered by the scope of " Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 18th, 2019" According to U.S. Coast Guard Approval Category No.: 164.106. U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the Mutual Recognition Agreement.

Signed

Name



Lene Skovbjerg
Responsible for evaluation



Kenneth Maronie
Responsible for certification decision

Notes:

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with, the notified body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the Notified Body.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the Directive is fully complied with.

In case limitations of use apply, these should be indicated of in the Annex

This certificate is issued under the authority of the Danish Maritime Authority.

(Annex)

Schedule of Approval

Product Description:

Self-leveling primary deck covering system designated Sikafloor® Marine VEM 190 is a multi-layered system applied on a 3 mm steel. Lay as described below:

Sikafloor® Marine 190, a one-component, fast setting self-levelling mortar based on polymer modified cement
Sikafloor® Marine Primer C
Sikafloor® Marine VEM
Sikafloor® Marine Primer C.

- 15 mm layer of Sikafloor® Marine 190 a one-component, fast setting self-levelling mortar based on polymer modified cement with a density of approx. 1.8 kg/l (cured, after 7 days)
- Over a rolled on layer of Sikafloor® Marine Primer C at approx. 150-300 g/m³ and density of approx. 1 kg/l (cured)
- over a 2 mm layer of Sikafloor® Marine VEM a self-smoothing visco-elastic damping mortar with a density of 1.3 g/cm³ (cured after 7 days)
- over a rolled layer of Sikafloor® Marine Primer C at approx. 150-300 g/m³ and density of approx. 1 kg/l (cured).

Product Classification:

The investigated sample of Sikafloor® Marine VEM 190, applied onto 3 mm steel sheet, fulfils the surface flammability criteria for primary deck coverings as listed in IMO 2010 FTP Code Part 5 and is therefore considered to meet the requirement for low flame-spread in compliance with the relevant regulations in chapter II - 2 of the Convention.

Application / Limitation of Product:

As the Sikafloor® Marine VEM 190 as applied, has a total heat release (Qt) of not more than 0.2 MJ and a peak heat rate (qp) of not more than 1.0 kW, it is considered to comply with the requirements of part 2 without further testing, cf. paragraph 2.7 of appendix 4 to part 5.

Furthermore, it is expected to satisfy a requirement of maximum gross calorific value (e.g., 45 MJ/m² according to ISO 1716) without further testing, cf. paragraph 2.3 of Annex 2.

The test results relate only to the behaviour of the test specimens of a material under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the material in use.

Type Approval Documentation

PFB10356A - 2019-11-11 - DBI

Technical Documentation

Product Data Sheet - 019319000254001000 - Version 03.01 (03 – 2023) - SIKA

Marking of Product

The product or packing is to be marked with name of manufacturer, type designation, technical rating and Mark of Conformity.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

End of Certificate