

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00001TV
Revision No:
2

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics:
Adhesives**

with type designation(s)
SikaSense-4490

Issued to
Sika Deutschland GmbH
Rosendahl, Germany

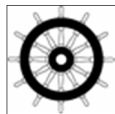
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/3.18e. SOLAS 74, Reg. II-2/3, II-2/5, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000
HSC Code 7 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-09-29**.

Issued at **Hamburg** on **2017-10-13**

DNV GL local station:
Essen



for **DNV GL SE**

Approval Engineer:
Timo Linn

Notified Body
No.: **0098**

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Sven Dudzus
Head of 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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

Job Id: **344.1-006128-4**
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Product description

"SikaSense-4490"

Universal dispersion adhesive

Thickness: 2.0 mm

Density: 1.1 kg/m³

Color: Beige

Maximum organic content to be stated in the manual/booklet of the product

Application/Limitation

Approved for use as adhesive with low flame spread characteristics.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2.

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

Type Examination documentation

Test report no.2011-1413-1 dated 2011-04-12 issued by Exova WarringtonFire, Frankfurt am Main, Germany

Tests carried out

Tested according to IMO Res.MSC.61(67), Annex 1, Part 5 and Annex 2, 2.2 in compliance with 2010 FTP Code,Ch. 8

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, Mark of Conformity and USCG approval number (see first page).