

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 Address	Henkel AG & Co. KGaA, Henkel-Strasse 67, DE-40191, Düsseldorf, Germany
Directive Reference	MED Directive 2014/90/EU , Regulation as amended by MED (EU) 2019/1397.
Regulation Item	MED/3.18e Surface materials and floor coverings with low flame-spread characteristics, (e) adhesives used in the construction of "A", "B" and "C" class division.
Product Type	Two component adhesive designated Loctite UK 8202/ Loctite UK 5400
Product Description	Solvent free, moisture curing two-component adhesive based on polyurethane.
Specified Standards	IMO Res.MSC.307(88), 2010 FTP Code and IMO MSC.1/Circ.1120

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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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	2019-11-15	Issued by DBI Certification Notified Body No. 2531
Expiry date	2024-11-15	

*The certificate supersedes the certificate version issued:2014-11-14 by NB no. 2531
This certificate was first issued 2014-11-14 by NB no.2531.*

Signed

Name



Thomas Anthony Wilson
Responsible for evaluation



Allan Laursen
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.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on the market and on board vessels to which the amended regulations or standards apply.

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 B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

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

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

(Annex)

Schedule of Approval

Place of Production

Henkel AG & Co. KgaA, Henkel Strasse 67, DE-40589 Düsseldorf, Germany

Product Description

Loctite UK 8202/ Loctite UK 5400
Solvent free, moisture curing Two-component adhesive based on polyurethane.

Product Classification

The Solvent free, moisture two-component adhesive designated Loctite 8202/ Loctite UK 5400 fulfils the criteria in IMO Res. MSC.307(88)-(2010) FTP code Annex 1 Part 5 and is therefore considered to meet the requirement for low flame-spread in compliance with the relevant regulations I chapter II-2 of the Convention.

Application / Limitation of Product

The test results relate only to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use. According to IMO 2010 FTP Code annex 2, clause 2.2 a fire technical test for smoke density and toxicity for surface materials a usage as bulkhead, wall and ceiling linings is necessary.

Recommended amount for use: approx.. 421 g/m² (wet adhesive)

Component A: Loctite UK 8202.
Component B: Loctite UK 5400.
Mixing ration component A:B 4:1

Type Approval Documentation

Test report no. 20644687-30 dated 2014-08-210 from DMT GmbH & Co. KG..
Tested according to IMO 2010 FTP code Annex 1 Part 5: "Test for surface flammability".
Technical Data Sheet Loctite UK 8202/ Loctite UK 5400, April 2014.

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