

## 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.

<b>Manufacturer Address</b>	Henkel AG & Co. KGaA, Henkelstrasse 67, DE-40191, Düsseldorf, Germany
<b>Directive Reference</b>	MED Directive 2014/90/EU , Regulation as amended by MED (EU) 2021/1158.
<b>Regulation Item</b>	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.
<b>Product Type</b>	One component adhesive designated Loctite UR 7221
<b>Product Description</b>	Solvent-free, moisture curing one component adhesive based on polyurethane.
<b>Specified Standards</b>	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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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 2022-02-18  
Expiry date 2027-02-18

Issued by DBI Certification Notified Body No. **2531**


*The certificate supersedes the certificate version issued: 2017-03-27 by NB no. 2531  
This certificate was first issued 2017-03-27 by NB no. 2531.*

Signed

Name

  
Allan Laursen  
Responsible for evaluation

/

  
Merete Poulsen  
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**

### **Place of Production**

Henkel AG & Co. KGaA, Henkelstrasse 67, DE-40191, Düsseldorf, Germany

### **Product Description**

Loctite UR 7221

Solvent-free, moisture curing one component adhesive based on polyurethane.

### **Product Classification**

The Solvent free, moisture cure one-component adhesive designated Loctite UR 7221 fulfils the criteria in IMO Res. MSC.307(88)-(2010) FTP code Annex 1 Part 5 and is therefor 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.  
Recommended amount for use: approx. 120 g/m<sup>2</sup> (wet sealant).

### **Type Approval Documentation**

Test report no. PFB10245A dated 2017-03-13 from DBI.

Tested according to IMO 2010 FTP code Annex 1 Part 5: "Test for surface flammability".

PFB10245B supplement til test report dated 2017-03-15 from DBI

Technical Data Sheet Loctite UR 7221, April 2013

### **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**