

Certificate number: 58535/A0 BV



Marine & Offshore

File number: ACM171/506/1

Product code: 0015H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

UNIQUE POLYMER SYSTEMS

Malvern - UNITED KINGDOM

for the type of product

SURFACE PROTECTION AND COLD REPAIR PRODUCTS

Metal Repair Paste, Emergency Pipe Repair Bandage, Ceramic Repair Paste, Fluid Grade Ceramic, Efficiency Fluid Ceramic, High Temperature Ceramic, Underwater Ceramic, Standard Resin & Hardener, Epoxy Protective Coating

Requirements:Bureau Veritas Rules for the Classification of Steel Ships
Bureau Veritas Rules for the Classification of Naval Ships*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.***This certificate will expire on: 29 Jan 2025**For Bureau Veritas Marine & Offshore,
At BV LONDON, on 29 Jan 2020,
Spencer Yule

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

UNIQUE POLYMER SYSTEMS (UPS) products:

105 EG Metal Repair Paste

19601/3/4/5 PR Emergency Pipe Repair Bandage

200 EG Ceramic Repair Paste

205 Fluid Grade Ceramic

210 CR Efficiency Fluid Ceramic

225 HT High Temperature Ceramic

250 UWC Underwater Ceramic

19000 RH Standard Resin & Hardener

405 EPC Epoxy Protective Coating

2. DOCUMENTS AND DRAWINGS :

Equivalent list of UNIQUE POLYMER SYSTEMS products approved by certificate 55268 as per validity date:

UPS Product Code

UPS 105 EG Metal Repair Paste

UPS 125 XFP Fast Curing Metal Paste

UPS 19601/3/4/5 PR Emergency Pipe Repair Bandage

UPS 200 EG Ceramic Repair Paste

UPS 205 Fluid Grade Ceramic

UPS 210 CR Efficiency Fluid Ceramic

UPS 225 HT High Temperature

UPS 250 UWC Underwater Ceramic

UPS 19000 RH Standard Resin & Hardener

UPS 405 EPC Epoxy Protective Coating

3. TEST REPORTS :

n°1028, dated15/04/2010

n°1039, dated 11/06/2010

n°1028, dated15/04/2010

n°1095, dated13/03/2012

n°1051, dated28/11/2010

n°1095, dated13/03/2011

n°1157, dated16/07/2016

n° 1192, dated17/02/2019

n°1078, dated14/10/2011

n°1191, dated16/02/2019

n°1029, dated21/05/2010

n°1095, dated13/03/2011

n°1116, dated15/06/2014

n°1076, dated21/11/2011

n°1036, dated22/07/2010

n°1099, dated14/09/2012

n° 1140, dated25/08/2015

n°1095, dated 13/03/2012

n°1188, dated11/02/2019

4. APPLICATION / LIMITATION :

- 4.1 - Repairs of machinery components according to the recommendations of the Maker's specifications and procedures:
4.2 - The load carrying capacity and / or the structural integrity of the repaired machinery component are not to depend on the strength of the added above products.
4.3 - All repairs and coatings are to be carried out in accordance with Manufacturer's recommendations and instructions.
4.4 - If the repair involves any under pressure or structural components, details of the proposed repair are to be submitted to BUREAU VERITAS for review.

5. PRODUCTION SURVEY REQUIREMENTS :

- 5.1 - The above products are to be supplied by **UNIQUE POLYMER SYSTEMS** in compliance with the type described in this certificate.
5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.
5.3 - **UNIQUE POLYMER SYSTEMS** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

6. MARKING OF PRODUCT :

None.

7. OTHERS :

It is **UNIQUE POLYMER SYSTEMS**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

*** END OF CERTIFICATE ***