



TYPE APPROVAL CERTIFICATE
No. MAC081219XG

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Surface Protection and Cold Repair Products
<i>Type</i>	BASIC PRODUCTS: WENCON CREAM, RAPID, COATING, HI-TEMP, PUTTY, PIPE TAPE, EXHAUST REPAIR UNIQUE PRODUCTS: WENCON UW CREAM, UW COATING, UW PUTTY, CERAMIC CREAM, CERAMIC COATING
<i>Applicant</i>	Wencon ApS Jyllandsvej 15 5400 Bogense DENMARK
<i>Manufacturer</i>	Wencon ApS
<i>Place of manufacture</i>	Jyllandsvej 15 5400 Bogense DENMARK
<i>Reference standards</i>	RINA Rules for testing, certification and acceptance of marine materials and equipment, Chapter 3

Issued in **HAMBURG** on **April 24, 2019**. *This Certificate is valid until* **April 23, 2024**


RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure.



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**BASIC PRODUCTS: WENCON CREAM, RAPID, COATING, HI-TEMP, PUTTY, PIPE TAPE, EXHAUST REPAIR
UNIQUE PRODUCTS: WENCON UW CREAM, UW COATING, UW PUTTY, CERAMIC CREAM, CERAMIC
COATING**

Reference documents:

Documents submitted by Wencon ApS and filed for information under RINA dwg no. HMMC-13225.

Technical characteristics:

WENCON products consist of a range of one and two-component epoxy, polyurethane and silica based products.

Resistant products to oil, water, sea water and some other products (as diluted acids, solvents, etc.) manufactured by WENCON ApS.

Generic product properties as per RINA dwg no. HMMC-13225

Fields of application:

This product may be used on board of ships and other units classed by the RINA for :

- Repair and/or protection against bimetallic corrosion and erosion/corrosion attacks in pumps, valves, filters, pipes, tanks, coolers, etc.
- Creating fixture and preventing future corrosion in the seats for rudder stock bushing, rudder heel bushing, rudder cone assembly, rudder pintle bushing, rudder pintle cone, stern tube, etc.
- Composite wrap for piping lines transferring oil, fresh & sea water, diluted acids & solvents, etc.

Acceptance conditions:

- Repair procedures including surface preparation and application are to be carried out in accordance with the manufacturer's specifications and procedures and manuals available at www.wencon.com.
- The local RINA Surveyor is to be contacted prior to commencing any repair, in order to obtain an acceptance for the particular application.
- This product as a temporary or permanent repair measure will be accepted by the RINA attending Surveyor, if the repaired part of machinery or piping system passes all the tests required by the RINA Rules.
- This product is not allowed for components in rubbing or cycling contact with other components where temperature exceeds 90°C.
- All tests are to be carried out as per a relevant BSI, DIN, ASTM method at the Manufacturer sites.
- The production sites are to bear the RINA Production Control Certificates.

Remarks:

- This product is to be marked with the following description:
name of the Supplier, product designation, packing date, storage condition.
- Each delivery is to be provided with a Certificate of Conformity.

HAMBURG April 24, 2019



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A handwritten signature in black ink, appearing to be 'M. RINA', is written over a large, faint, yellow RINA logo watermark in the bottom right corner of the page.