



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAK00001VG
Revision No:
1

This is to certify:

that the **Polymer Repair System**

with type designation(s)
WEICON Ceramic BL,
WEICON GL-S

issued to

Weicon GmbH & Co. KG
Münster, Germany

is found to comply with

DNV class programme DNV-CP-0338 – Type approval – Type approval scheme

Application:

Repairs of machinery and equipment. The application shall be carried out in accordance with manufacturer's instructions.

Issued at **Hamburg** on **2025-12-10**

This Certificate is valid until **2030-12-09**.

DNV local unit: **Essen**

for **DNV**

Approval Engineer: **Joachim Rehbein**

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This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Product description

WEICON Ceramic BL: 2-component epoxy resin system with filler.

Approved variant:

WEICON GL-S

Application/Limitation

Repairs of machinery and equipment / components.

The application shall be carried out in accordance with manufacturers' instructions.

Repair activities which affect or may affect the Class of the ship, shall be reported to DNV prior to start of any repair activities.

Maximum working temperature is restricted to 50°C (without further testing/documentation).

Adequate curing shall be proven by a Shore D test. A hardness of 85 shall be achieved.

Any significant changes in design and/or quality of the material will render the approval invalid.

Type Approval documentation

Tests carried out

According to **Type Approval documentation**.

Marking of product

Product shall be marked with *manufacturer's name* and *type designation*.

The marking is to be carried out in such a way that it is visible, legible and indelible. The marking of product is to enable traceability to the DNV Type Approval Certificate.

Periodical assessment

The scope of the Periodical Assessment is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice of materials.

Periodical assessments (for Certificate Retention / Certificate Renewal) shall be performed according to DNV-CP-0338.

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>.

END OF CERTIFICATE