



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAK00001GW
Revision No:
2

This is to certify:
that the Epoxy Systems

with type designation(s)
SR GreenPoxy 33-Series

issued to
SICOMIN
Chateauneuf les Martigues, Bouches du Rhone, France

is found to comply with
DNV class programme DNV-CP-0089 – Type approval – Epoxy resin systems

Application:
Laminating resin for construction of laminates made of fibre reinforced plastics.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2024-02-16**

This Certificate is valid until **2029-01-07**.

for **DNV**

DNV local unit: **France CMC**

Approval Engineer: **Gisle Hersvik**

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.



Form code: TA 251

Revision: 2023-09

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Product description

SR GreenPoxy 33-Series; Two component epoxy resin system. Produced with high bio-based carbon content.

Approved variants

Epoxy resin **SR GreenPoxy 33** with following **SD 477x** hardeners:

- SD 4775 Medium reaction hardener
- SD 4773 Intermediate/standard reaction hardener
- SD 4771 Ultra slow reaction hardener

Material properties:

For material properties and approved combinations of resin and hardeners, please refer to the technical data sheet for SR GreenPoxy 33 / SD 477x Epoxy system for composites parts (High bio-based carbon content).

Application/Limitation

Laminating resin for construction of laminates made of fibre reinforced plastics, on condition that reinforcement fibre product complies with DNV requirements and is compatible with the resin.

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

Type Approval documentation

Tests carried out

Type Testing carried out in accordance with **Type Approval documentation**.

Marking of product

Product shall be marked with *manufacturer's name, place of production 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://approvafinder.dnv.com>

END OF CERTIFICATE