

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Fire Retardant Gelcoats and Topcoats**

with type designation(s)
**NORPOL® NGA X2 and NORPOL® NGA X3 (Gelcoats),
NORPOL® NTA X2 and NORPOL® NTA X3 (Topcoats)**

Issued to

**Polynt Composites Norway AS.
SANDEFJORD, Norway**

is found to comply with

**DNV GL class programme DNVGL-CP-0083 – Type approval – Polyester resin, vinylester resin,
gelcoat and topcoat****DNV GL rules for classification – High speed and light craft****DNV GL standard DNVGL-ST-0342 – Craft****Det Norske Veritas' Standards for Certification No. 2.20, Lifeboats and Rescue Boats, 2007****Application :****Fire retardant gelcoats and topcoats for use in marine vessels according to stated
Rules/Standards.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed
by DNV GL.**Issued at **Høvik** on **2018-06-25**This Certificate is valid until **2023-06-24**.for **DNV GL**DNV GL local station: **Sandefjord**Approval Engineer: **Gisle Hersvik**

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Rikard Törnqvist
Head of Section

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.



Job Id: **262.1-010074-8**
Certificate No: **TAK0000192**

Product description

Gelcoat and topcoat based on polyester resin – POLYLITE® 290-000 and POLYLITE® 290-000 E;
Gelcoats: **NORPOL® NGA X2, NORPOL® NGA X3.**
Topcoats: **NORPOL® NTA X2, NORPOL® NTA X3.**

Gelcoats and topcoats are in general available in H (Hand/Brush application) and S (Spray application) versions.

Application/Limitation

Content of pigment in light coloured products can be higher than maximum stated in the DNV GL Rules.

Manufactured by

Reichhold Srl, Via Romagnoli 23, 43056 San Polo di Torile (Parma), Italy

DNV GL local office: Milan

Reichhold Inc., Street No 1010/1013 Near R/A 10, Jebel Ali Free Zone, Dubai, United Arab Emirates

DNV GL local office: Dubai

Reichhold India Private Limited, F-38, MIDC, Ranjangaon Industrial Area, Taluka - Shirur, Dist. Pune, Maharashtra - 412 220, India

DNV GL local office: Mumbai

Responsibility

The Company (stated on the front page of this Certificate) takes the responsibility that both design and production are in compliance with Rules, Standards and/or Regulations listed on page 1 of this certificate.

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 GL 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 Assessment to be performed after 2 and 3.5 years (Certificate Retention) and at renewal after 5 years (Certificate Renewal).

The main elements of the Periodical Assessment are to:



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- Ensure that **Type Approval documentation** is available.
- Review design, materials, production process, and performance with respect to possible changes, in order to ensure compliance with **Type Approval documentation** and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV GL Type Approval Certificate.

END OF CERTIFICATE