DNV·GL

Certificate No:
TAM0000163

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Protective Coatings for Propeller Shaft

with type designation(s)
SOMPLAS

Issued to
Somers Forge Ltd.
Halesowen, West Midlands, United Kingdom

is found to comply with
DNV GL class programme DNVGL-CP-0428 – Type approval – Coating systems for protection of propeller shafts

Application :

Coating system for protection of propeller shafts. Surface preparation and coating system application as per manufacturer's recommendations.

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

Issued at **Høvik** on **2020-05-28**
This Certificate is valid until **2025-05-27**.
DNV GL local station: **Manchester**

Approval Engineer: **Karl Weinreich**

for **DNV GL**

Marit Laumann
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.

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Product description

SOMPLAS, a two-component epoxy resin system with glass fibre tape reinforcement consisting of:

- SOMPLAS Resin (yellow paste)
- SOMPLAS Hardener (modifier, curing agent) (blue paste)
- Glass Woven Tape (TE7017/EGLAS/100, 365 g/m^2)

Application/Limitation

This approval is solely connected to the corrosion prevention properties of the coating material. The approval does not include any evaluation of toxicity, contamination, pollution or fire technical properties.

SOMPLAS is approved for application on blast cleaned surfaces

Surface preparation and coating system application as per manufacturer's instructions, ref.:
- *SOMPLAS - Protection of Outboard Length of Propeller Shafts* and
- *SOMPLAS - Epoxy Practical Coating Guide Using Pre-Mixed kit*.

The durability of the applied coating system will depend on the steel surface preparation, coating application and the environmental conditions.

The Type Approval Certificate is invalid if the formulation of any of the components of the **SOMPLAS** is changed to a degree deemed significant by DNV GL.

Information of each application shall be submitted as part of the documentation for approval to DNV GL.

Type Approval documentation

Tests carried out

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

Marking of product

Product/package shall be marked with *manufacturer's name, type designation* and *date of production/batch number*.

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 assessments (for Certificate Retention and Certificate Renewal) shall be performed according to DNVGL-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.dnvgl.com

END OF CERTIFICATE