Certificate no.:
TAK00002E0

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Shop Primers

with type designation(s)
Bergolin 2K Aqua Shopprimer 3E6100

issued to
Bergolin GmbH & Co. KG
Sachsenring 1, Osterholz-Scharmbeck,
Germany

is found to comply with
DNV rules for classification – Ships
DNV class programme DNV-CP-0109 – Type approval – Shop primers for corrosion protection of steel plates and sections

Application:

The shop primer is approved for application on blast cleaned steel plates and sections

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

Issued at **Hamburg** on **2024-08-14**
This Certificate is valid until **2029-08-13**.
DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Enno Brück**

for **DNV**

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

Bergolin 2K Aqua Shopprimer 3E6100 is an aqueous 2K epoxy shop primer with excellent corrosion protection on pre-cleaned or blasted steel substrates.

Manufactured by

Bergolin GmbH & Co. KG, Sachsenring 1, 27711 Osterholz-Scharmbeck Germany

DNV local office: Hamburg – CMC North/East

Application/Limitation

The approval testing does not include examination of possible effects of welding with this primer on the welder's state of health.

This approval only verifies that the shop primer tested has no detrimental effect on the finished weld, on condition that the film thickness applied is in accordance with the manufacturer's recommendation.

Tests carried out

Type Testing carried out in accordance with DNV's Test Procedure of DNV-CP-0109, ref. Test Report from DNV SLV Duisburg, Germany, Report No. 2402.P0309A, dated 2024-04-11.

76,05 mm² pores per specimen (max. allowed 125mm²).

Marking of product

Product/shall be marked with *manufacturer's name*: ***Bergolin GmbH & Co. KG*, Germany**, *batch no. / production date* and *type designation:* **Bergolin 2K Aqua Shopprimer 3E6100**.

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 Assessment (Certificate Retention) and renewal after 5 years (Certificate Renewal) shall be performed acc. DNV CP-0338.

END OF CERTIFICATE