

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Shop Primers**

with type designation(s)
P97 Dyoheat ETS Primer

Issued to

Dyo Boya A.S.
Izmir, Turkey

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

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 GL.

Issued at **Høvik** on **2019-12-06**

This Certificate is valid until **2024-12-05**.

for **DNV GL**

DNV GL local station: **Istanbul**

Approval Engineer: **Stefan Marion**

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Gustav Heiberg
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.



Product description

P97 Dyoheat ETS Primer; zinc ethyl silicate shop primer

Application/Limitation

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

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

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

Type Approval documentation

Tests carried out

Type Testing carried out according to **Type Approval documentation**, ref. DNV GL Report No. 2019-5259 from 2019-09-18 with the following result:

- Mean pore area 1 % (max. allowed pore area 15 %)

Marking of product

Product shall be marked with *manufacturer's name and address and type designation*; **P97 Dyoheat ETS Primer**.

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