

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Shop Primers**with type designation(s)
INTERPLATE ZERO

Issued to

International Paint Limited
Gateshead, Tyne and Wear, United Kingdom

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 **2018-05-28**This Certificate is valid until **2023-05-27**.for **DNV GL**DNV GL local station: **Newcastle-upon-Tyne**Approval Engineer: **Gisle Hersvik**

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: **262.1-016508-3**
Certificate No: **TAK0000187**

Product description

Interplate Zero; a two pack, water based inorganic shop primer, pigmented with zinc.

Manufactured by

International Paint LLC, 6001 Antoine Dr, Houston, TX 77091, USA

DNV GL local station: Houston

International Paint Limited, Stoneygate Lane, Felling, Gateshead NE10 0JY, Tyne & Wear, United Kingdom
[Manufacturer of Part A; Interplate Zero]

DNV GL local station: Newcastle

Akzo Nobel Decorative Coatings bv, Zevenakkersweg 4, 8191 AA Wapenveld, The Netherlands
[Manufacturer of Part B; Interplate Zero - Powder]

DNV GL local station: Rotterdam

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.

Application/Limitation

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

The approval does not include any 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.

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**, and in accordance with DVS-Guideline 0501, ref. GSI SLV Examination report No. 20096600064 of 2010-04-13, with result:

— Mean pore area 3,36 mm² (max. allowed pore area 125 mm²).

Marking of product

Product shall be marked with *manufacturer's name*; **International Paint Limited**, *place of production* and *type designation*; **Interplate Zero**.

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

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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:

- 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 GL DNV Type Approval Certificate.

END OF CERTIFICATE