DNV·GL

Certificate No:
TAK000009E

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Shop Primers

with type designation(s)
INTERPLATE 317

Issued to
International Paint Limited
GATESHEAD, TYNE AND WEAR, United Kingdom

is found to comply with
Det Norske Veritas' Type Approval Programme 1-602.2, 2009, Shop Primers for Corrosion Protection of Steel Plates and Sections.
DNV GL rules for classification – Ships

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.

This Certificate is valid until **2018-12-31**.

Issued at **Høvik** on **2016-04-04**

for **DNV GL**

DNV GL local station: **Newcastle-upon-Tyne**

Approval Engineer: **Gisle Hersvik**

Arnstein Gloppen
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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

INTERPLATE 317; a two-pack, zinc ethyl silicate shop primer.

Manufactured by

International Paint of Shanghai Co., Ltd., 1515 Xinjinqiao Road, Pudong, 201206 Shanghai, China

DNV GL local office: Shanghai

Akzo Nobel India Ltd, Plot #62P, 62A,62B, 43E, Hoskote Industrial Area, Pilgumpa Hoskote Taluk, Bangalore 562 114, India

DNV GL local office: Mumbai

PT International Paint Indonesia, Cikarang Industrial Estate Jl. Jababeka Raya E 9-11, 17530 Cikarang, Indonesia

DNV GL local office: Jakarta

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.

Type Approval documentation
Tests carried out

Type Testing carried out in accordance with **Type Approval documentation**, and in accordance with DVS-Guideline 0501, GSI SLV Examination Report no. 20096600062 dated 11th January 2010, with result:

- mean pore area 2.05 mm^2 (max. allowed pore area 125 mm^2).

Marking of product

Product/package shall be marked with *manufacturer's name;* **International Paint Limited, UK**, *place of production* and *type designation;* **Interplate 317**.

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 two (2) years (Certificate Retention) and at renewal after four (4) 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 DNV GL Type Approval Certificate.

END OF CERTIFICATE