DNV·GL

Certificate No:
TAK00001Y9

TYPE APPROVAL CERTIFICATE

This is to certify:

That the TBT-Free Anti-Fouling Systems

with type designation(s)
Intersmooth 7200Si SPC

Issued to
International Paint Limited
Gateshead, Tyne and Wear, United Kingdom

is found to comply with
DNV GL class programme DNVGL-CP-0110 – Type approval – Anti-fouling systems

Application :

Organotin-free self-polishing anti-fouling system.

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

Issued at **Høvik** on **2020-09-18**
This Certificate is valid until **2025-09-17**.
DNV GL local station: **Newcastle-upon-Tyne**

Approval Engineer: **Gisle Hersvik**

for **DNV GL**

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.

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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Job Id: **262.1-034551-1**
Certificate No: **TAK00001Y9**

Product description

Organotin-free self-polishing copolymer anti-fouling paint; **Intersmooth 7200Si SPC**

Colours:
The products are available in various colours. Please contact your local International Paint Representative for details.

Active ingredients:
CAS No. 1317-39-1 Copper(1)oxide
CAS No. 12122-67-7 Zineb
CAS No. 14915-378 Copper pyrithione

Manufactured by

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

DNV GL local station: Shanghai

International Paint (Korea) Ltd., 8-6B/L Chilseo Industrial Complex, Kyenae-Ri, Chilseo-Myeon, Haman-Gun, Kyungsangnam-Do, Republic of Korea

DNV GL local station: Changwon

AKZO NOBEL COATINGS VIETNAM LIMITED, Lot 107, Amata Industrial Park, Bien Hoa City, Dong Nai Province, Vietnam

DNV GL local station: Ho Chi Minh City

International Paint Saudi Arabia Ltd, P.O. Box 37, Dammam, Saudi Arabia

DNV GL local station: Bahrain

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 issuance of this certificate is solely connected to the control of the Anti-Fouling System, AFS, with regard to compliance with the International Convention on the Control of Harmful Anti-Fouling Systems on Ships.

It does not cover verification of surface preparation, corrosion protection, fire, health and safety precautions, durability of the AFS or environmental properties other than regulated by the Convention.

Type Approval documentation

Tests carried out

Type Testing carried out according to **Type Approval documentation**, with the following test results, ref. Test Report from KTR, Korea Testing & Research Institute, Ulsan, Korea of 2020-04-14:

- **Intersmooth 7200Si SPC**: 0.0044 % tin (No TBT-compounds detected)

Marking of product

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

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