DNV·GL

Certificate No:
TAK00001JD

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Shop Primers

with type designation(s)
F-6001 Inorganic Zinc Silicate Shop Primer

Issued to
Jiangxi JingCheng Zhibang Paint Co., Ltd.
Furongshan Industry Zone, Duchang, Jiujiang, 140, P.R. of China

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 **Hamburg** on **2019-02-26**
This Certificate is valid until **2023-12-31**.
DNV GL local station: **Wuhan**

Approval Engineer: **Christine Löll**

for **DNV GL**

Thorsten Lohmann
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.

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Product description

F-6001 Inorganic Zinc Silicate Shop Primer

Manufactured by

Jiangxi JingCheng Zhibang Paint Co., Ltd., Furongshan Industry Zone, Duchang, Jiujiang, 140, P.R. of China

DNV GL local station: Wuhan

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

Type Approval documentation

Tests carried out

Type Testing carried out in accordance with **Type Approval documentation**.

Ref. Test Report from Wuchang Shipbuilding Heavy Industry Co., Ltd., Measuring Research Institute of 2010-12-23, with the following test result:

- 6.5% porosity (max. allowed porosity 15%)

Marking of product

Product shall be marked with manufacturer's name; **Jiangxi JingCheng Zhibang Paint Co., Ltd., China** 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 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 DNV GL Type Approval Certificate

END OF CERTIFICATE