DNV·GL

Certificate No:
TAF00000JE

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class H Fire Wall and Bulkhead

with type designation(s)
Chartek 8E - Bulkhead (H-0)

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

is found to comply with
DNV GL offshore standards

Application :

Approved for use as a fire retarding bulkhead of class H-0.
Restricted application: Fire against Chartek 8E insulated side

This Certificate is valid until **2018-06-30**.

Issued at **Høvik** on **2017-02-21**
DNV GL local station: **Newcastle-upon-Tyne** for **DNV GL**

Approval Engineer: **Helge Bjørnarå**

Petter Langnes
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

Chartek 8E – Bulkhead (H-0)
composed of a structural steel bulkhead insulated on the fire exposed side with minimum 4.0 mm epoxy based intumescent coating Chartek 8E.

The materials are manufactured at the following locations:

- Akzo Nobel Coatings BV, Wapenveld, The Netherlands
- International Paint LLC, Houston, Texas, USA
- International Paint (Korea) Ltd., Haman, Korea
- AkzoNobel Saudi Arabia Ltd., Dammam, Saudi Arabia

Application/Limitation

Approved for use as a fire retarding bulkhead of class H-0_{400}.

Restricted application: Fire against insulated side

The protective coating is not defined as non-combustible, and should not be used in accommodation or in enclosed areas.

The approval refers only to the fire resistance properties of the system.

The application of the protective coating is to be performed in accordance with the manufacturer's application manual. Alternative primers and topcoats may be used provided they have been tested and approved by the manufacture.

Each product is to be supplied with its manual for application and maintenance.

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, October 2015.

Test Report No. 141142 dated 10 September 2004 from Warrington Fire Research Centre Ltd, UK.

Tests carried out

Tested according to IMO FTP Code Part 3 (IMO Res. A.754(18)) with furnace temperature following the hydrocarbon curve according to ISO 834-3.

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.