DNV·GL

Certificate No:
TAF00000JG

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class H Lightweight Horizontal Partition and Deck

with type designation(s)
Chartek 8E - Deck (H-60 and H-120)

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 deck of class H-60 and H-120.

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 – Deck (H-60 and H-120)
composed of minimum 4.5 mm steel deck, insulated on the stiffened side (underside) with an epoxy based intumescent coating system and on topside with 25 mm insulation of type Rockwool Firebatt 2000 of density 110 kg/m^3 with an aluminium foil face on top. The Rockwool insulation is fixed by means of welded steel pins and washers.

Minimum thickness of intumescent coating: H-60: 5.0 mm
H-120: 6.0 mm

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 fire retarding deck of class H-60 and H-120.

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 Reports Nos. 147325 dated 21 July 2005, Issue 2 dated 22 November 2005 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, type designation and fire-technical rating.

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.