DNV·GL

Certificate No:
TAF00000TE

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class H Door

with type designation(s)
IDM-SLS-H120 Fire Door

Issued to
InterDam Holding B.V
Ridderkerk, Netherlands

is found to comply with
DNV GL offshore standards

Application :

Approved for use as an integrated part of fire retarding division of class H-120.
Restricted application: Fire from rail mounted side only

Issued at **Høvik** on **2017-10-26**
This Certificate is valid until **2022-10-25**.
DNV GL local station: **Rotterdam**

Approval Engineer: **Helge Bjørnarå**

for **DNV GL**

Mårten Schei-Nilsson
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

"IDM-SLS-H120 Fire Door"
composed of door leaf made from 2 mm galvanized steel plates on both sides and bonded with "Sikaflex 298 FC" glue to a calcium silicate core of thickness 110 mm type "Skamopro 300" with density of 300 kg/m^3. The vertical side and top side of the door leaf is provided with an insulated 4 mm channel 40 x 40 mm for additional stiffness. The door leaf has also edge protection, interlocking arrangement, etc.

Total thickness of door leaf is 115 mm.

The door is fitted with a vision panel Pyrostop H120 with thickness of 78 mm.

The door frame is made of 4 mm thick steel and may be bolted with self-tapping/drilling screws ø 6.3 x 25 (spacing between 200 mm) or welded to the bulkhead.

For further details see approved drawing listed under Type Approval documentation.

Application/Limitation

Approved for use as an integrated part of fire retarding divisions of class H-120. Installation of the door in bulkheads made of other materials (aluminium, FRP, etc.) are subject to case-by-case approval.

Restricted application: Fire from rail mounted side only

Max. clear opening:	1400 mm x 2300 mm (w x h)
Max. clear opening of vision panel:	200 mm x 200 mm (w x h)

Any surface materials used have to be approved for smoke and toxicity and low flame spread characteristics (IMO 2010 FTP Code part 2 and 5) when required according to relevant rules.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5.

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

Type Approval documentation

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

Test report No. 252814 dated 15 July 2009 from BRE Global, Watford, UK.

Drawing No. 07-007 (sheets 04-201 and 04-202 Rev. R05, sheets 04-211 and 04-212 Rev. R04, sheets 04-213, 04-214, 04-215, 04-216, 04-217 and 04-218 Rev. R03) from manufacturer.

Tests carried out

Tested according IMO Res. A.754(18) and the hydrocarbon time-temperature curve specified in ISO 834-3.

Marking of product

The product 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.