

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
Drumafloor NC-SR, B-Class Deck

Issued to
Drumarkon International B.V.
Schelluinen, Netherlands

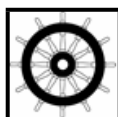
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/3.11b. SOLAS 74 as amended, Regulation II-2.3.4 & II-2/9 and IMO 2010 FTP
Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2022-05-22**.

Issued at **Høvik** on **2017-05-23**

DNV GL local station:
Rotterdam, Product Certification
/Verification



for **DNV GL AS**

Approval Engineer:
Helge Bjørnara

Notified Body
No.: **0575**

Vidar Dolonen
Head of Notified Body



Product description

"Drumafloor NC-SR B-class deck"

composed of 15 mm calcium-silicate board panels named Firetec M, which is covered on both sides with 0.8 mm aluminium sheets. The aluminium sheets are glued on the panels. The panels are connected to each other by using screws into aluminium spline, which is fitted on all edges. The panels are placed on 50 mm x 50 mm steel angles with an approximate 520 mm c.t.c. distance.

The deck panel may be fitted with hatch: 520 mm x 590 mm (length x width)

For further details, see drawing mentioned under Type Examination documentation below.

Application/Limitation

Approved for use as a horizontal fire retarding division of class B-15.

Max panel size: 2400 mm x 600 mm (length x width)

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

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

Type Examination documentation

Test report No. 2011-Efectis-R0994[Rev.1] dated December 2011 from Efectis Nederland BV.

Assessment report No. 2014-Efectis-R0994[Rev.1] dated 25 November 2014 from Efectis Nederland BV.

Assessment report No. 2017-Efectis-R000737/BTJ/TNL dated 27 April 2017 from Efectis Nederland BV.

Drawing No. 001 for Drumafloor NC-SR dated "27-03-2012" from the manufacturer.

Tests carried out

Tested according to IMO FTP Code Part 3 and in compliance with IMO 2010 FTP Code Ch.8.2.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, MED Mark of Conformity and USCG approval if applicable (see page 1).