

Certificate No:

MED-B-9343

Item No:

A.1/3.1

Job Id:

344.1-000457-9

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL under the authority of the Government of the Kingdom of Norway.

This is to certify:**That the Primary deck coverings**

with type designation(s)

PU-D20 Concrete System

Issued to

DMS A/S**Esbjerg, Denmark**

is found to comply with the requirements in the following Regulations/Standards:

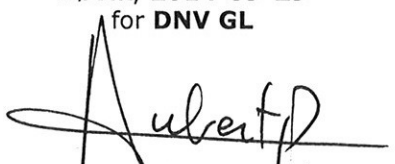
Annex A.1, item No. A.1/3.1 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/4, II-2/6 & X/3, 2000 HSC Code 7 and IMO FTP Code

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

Høvik, 2014-09-29for **DNV GL**

This Certificate is valid until

2019-04-07

pa 
Marianne Strand Valderhaug
Head of Department

Notified Body No.: **0575**DNV GL local office:
Fredericia


Synnøve Bolstad Eri
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.

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Product description

"PU-D20 Concrete System"

Composed of:

Steel deck;

Layer No.1: Max. 1,5mm PU-D20.

Layer No.2: Minimum 10mm DMS Concrete Mix or Basic Heavy 3000 cement (exposed surface) or Basic Screed 3010 Screed or BX-B Underlay or Basic Light 2000.

PU-D20 is a two component damping layer with a nominal density of 1300kg/m³.

For further details see test report listed under Type Examination documentation below.

Application/Limitation

Primary deck covering, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use throughout the accommodation.

Not to be used as an integrated part of a horizontal class A division unless tested as such.

The insulation material and any adhesive and surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

Type Examination documentation

Test Report No. F707029 Rev 2 dated 24 September 2007 from SP, Borås, Sweden.

Test Report No. PFB10105a dated 18 February 2014 from DBI, Copenhagen, Denmark.

Test Report No. PFB10105b dated 18 February 2014 from DBI, Copenhagen, Denmark.

Tests carried out

Tested (in 2007) according to IMO FTP Code Part 6 and Annex 2 item 2.2 and in compliance with IMO 2010 FTP Code Ch. 8.

Tested (in 2014) according to IMO 2010 FTP Code part 5 and Annex 2 item 2.2.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, MED Mark of Conformity and USCG approval if applicable (see below and page 3).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

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USCG Approval

An U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005.



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