

Certificate No:

MED-B-9433

Item No:

A1/3.11a

Job Id:

344.1-002031-8

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 "A" Class divisions, fire integrity

with type designation(s)

PlaneMix80 - PlaneMix10

Issued to

Alfix A/S

Kolding, Denmark

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

Annex A.1, item No. A.1/3.11a and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/3.2.5 and IMO FTP Code.

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

Høvik, 2014-11-04
for **DNV GL**



This Certificate is valid until
2019-11-04


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

"PlaneMix80 - PlaneMix10"

Floating Construction on steel with firebatts, class A 60 Deck. (Alfix Marineinfo nr. 1.001)

Composed of a steel deck insulated above as follows:

1. layer of 30 mm rock wool of type Rockwool Marine Slab 200 (density 200 kg/m³),
2. layer of 40 mm fast-setting screeding mortar of type ALFIX PlaneMix 80 (density 1800 kg/m³),
3. layer primer of type PlaneMixPrimer (with consumption of 0.05 l/m²) and
4. layer of 3 mm self-levelling smoothing compound for floors of type PlaneMix 10 (density 1900 kg/m³).

Total thickness of floating floor: 73 mm.

Application/Limitation

Approved for use as horizontal fire retarding division of class A-60.

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 and maintenance.

Type Examination documentation

Test Report No. PG12034 Serial No.: 12042 dated 2 June 2009, from Danish Institute of Fire and Security Technology, Hvidovre Danmark.

Tests carried out

Tested according to IMO FTP Code Part 3 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product is to be marked with name of manufacturer, type designation, fire-technical rating, Mark of Conformity and USCG approval number (see below).

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.

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.