

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 Surface materials and floor coverings with low flame-spread characteristics: paint systems

with type designation(s)
SIGMATEX

Issued to
PPG Coatings Europe B.V.
Amsterdam, Netherlands

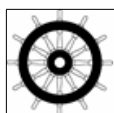
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559**,
Annex A.1, item No. A.1/3.18b and Annex B, Module B in the Directive; SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2021-09-29**.

Issued at **Høvik** on **2016-09-30**

DNV GL local station:
**Rotterdam, Product Certification
/Verification**



for **DNV GL AS**

Approval Engineer:
Helge Bjørnå

Notified Body
No.: **0575**

Vidar Dolonen
Head of Notified Body

Job Id: **344.1-005153-1**
Certificate No: **MEDB00000KW**

Product description

"SIGMATEX"

Consisting of two layer of total thickness 70 µm (1.5 kg/litre) applied on a steel plate.

Application/Limitation

Approved for use as low flame spread material, not generating excessive quantities of neither smoke nor toxic products in fire. Approved for use throughout the accommodation.

Approved for use as paint systems on a metallic substrate with thickness of at least 3.75 mm.

SIGMATEX:

Approved colour: White

Maximum organic content (dry film): 20 wt%

The product satisfies the requirement for maximum calorific value (ref. SOLAS Chapter II-2, Reg. 5.3.2.2) without further testing.

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

Type Examination documentation

Test report No. 357248 dated 4 December 2015, from Exova Warringtonfire, Warrington, UK.

Product data sheet for SIGMATEX from manufacturer.

Material safety data sheet for SIGMATEX from Manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code part 5 and Annex 2 item 2.2 and 2.3.

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 page 1).