

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 Norway.

This is to certify:

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

with type designation(s)
SigmaCover 256S

Issued to

**PPG Coatings Europe B.V. Protective & Marine Coatings
AMSTERDAM, Netherlands**

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

Regulation **(EU) 2017/306,**

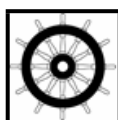
**item No. MED/3.18b. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000
HSC Code 7 and IMO 2010 FTP Code**

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

This Certificate is valid until **2022-10-05**.

Issued at **Høvik** on **2017-10-06**

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

A 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.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-003602-2**
Certificate No: **MEDB000038D**

Product description

"SigmaCover 256S"

System composed of one coat of SigmaCover 256S, a two component, high build polyamide cured recoatable zinc phosphate epoxy primer.

Max. thickness (dry): 100 µm
Density: 1410 kg/m³

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 2.25 mm.

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

SigmaCover 256S:

Approved paint colour: white, offwhite
Maximum organic content: 42 wt%

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

Type Examination documentation

Test Report No. 317060 dated 2012-04-02 from Exova Warringtonfire, Warrington, UK.

Product data sheets for SigmaCover 256S from manufacturer.

Material safety data sheet for SigmaCover 256 Base and SigmaCover 256K Hardener 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, Mark of Conformity and USCG approval number if applicable (see page 1).