

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00003FY**  
Revision No:  
**1**

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)

**Alesta AP Powder Coating, Teodur AP Powder Coating**

Issued to

**Axalta Powder Coating Systems Nordic AB  
Västervik, Kalmar Län, Sweden**

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

Regulation **(EU) 2018/773,**

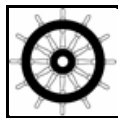
**item No. MED/3.18b. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code**

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

This Certificate is valid until **2023-08-02.**

Issued at **Høvik** on **2018-08-03**

DNV GL local station:  
**Stockholm**



for **DNV GL AS**

Approval Engineer:  
**Marius Mørner**

Notified Body  
No.: **0575**

**Roald Vårheim**  
**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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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: **344.1-001422-18**  
Certificate No: **MEDB00003FY**  
Revision No: **1**

### **Product description**

"Alesta AP Powder Coating" and "Teodur AP Powder Coating"  
A polyester powder coating applied on metal substrate.

Paint layer thickness: Approx. 80 µm.

### **Application/Limitation**

Approved for use as low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use on metallic surface with thickness of at least 0.7 mm.

Maximum gross calorific value shall be documented separately where applicable, ref SOLAS Chapter II-2 Reg. 5.3.2.

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

### **Type Examination documentation**

Test report no. PF12784 Serial No. 11438 dated 22 January 2008.

Test report no. PF12208 Serial No. 10318 dated 07 November 2005.

Both reports from Danish Institute of Fire and Security Technology (DIFT), Copenhagen, Denmark.

### **Tests carried out**

Tested according to IMO FTPC Part 5 and Annex 2 item 2.2, and in compliance with IMO 2010 FTP Code Ch. 8.

### **Marking of product**

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