



UK Approved Body Authorised
by the MCA

Certificate number: 74100/A0 UK

File number: ACI1330/107/001

Item number: UK/3.18b

*This certificate is not valid when
presented without the full attached
schedule composed of 7 sections*

Approved Body 8517 - UNITED KINGDOM MARINE EQUIPMENT APPROVAL

UK TYPE-EXAMINATION (MODULE B) CERTIFICATE

This is to certify that Bureau Veritas SA UK Branch Office did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, subject to any conditions in the schedule attached hereto.

This certificate is issued to:

AXALTA COATING SYSTEMS FRANCE S.A.S.
SAVIGNEUX - FRANCE

for the type of product

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD
CHARACTERISTICS: PAINT SYSTEMS**

Alesta® AP / Teodur® AP

Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3
IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7
IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7
IMO Res. MSC.307(88) (2010 FTP Code)
IMO MSC/Circ.1120

The attached (schedule of approval) forms part of this certificate.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.

This certificate will expire on: 21 Dec 2027

Issued by Bureau Veritas SA UK Branch Office

(Approved Body 8517)

At BV LYON, on 21 Dec 2022,

Yann Krempelwicz

***This certificate was created electronically and is valid without
signature***



Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

Note 2: Should the specified Regulations or standards be amended during the period of validity of this certificate, the product(s) is/ are to be re-approved prior to it/ they being placed on the UK market and on board vessels to which the amended regulations of standards apply.

Note 3: "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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body."

Note 4: In case limitations of use apply, these should be indicated in the Annex.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Alesta® AP / Teodur® AP

- "Alesta® AP - Polyester Architecture AE Extra Matt Anodic" (density 1.2-1.5 g/cm³)
- "Alesta® AP - Polyester Architecture AE Fine Texture" (density 1.2-1.7 g/cm³)
- "Alesta® AP - Polyester Architecture AE Matt" (density 1.2-1.7 g/cm³)
- "Alesta® AP - Polyester Architecture AE Gloss" (density 1.2-1.7 g/cm³)
- "Alesta® AP - Polyester Architecture AE Semi Gloss" (density 1.2-1.7 g/cm³)
- "Teodur® AP - Polyester Architecture AE Matt" (density 1.2-1.7 g/cm³)
- "Teodur® AP - Polyester Architecture AE Semi Gloss" (density 1.2-1.7 g/cm³)

Paint composed of polyester resin and hardeners (65~80%), mineral or organic pigments and mineral fillers (25~35%) and additives (5%).

Tested colour: Black (AE Matt) - for alternative colours, see limitation §4.6

Nominal density: 1.2-1.7 g/cm³ (as declared by the Manufacturer)

Thickness: (70 ± 10) µm

Tested sprayed on 1 mm thick aluminium sheet.

2. DOCUMENTS AND DRAWINGS:

Technical data sheets Version 02/2021.

3. TEST REPORTS:

3.1 - Test report N° P223180 - Document DEC/1 dated 22/07/2022, as per IMO 2010 FTP Code Annex 1 Part 5, from LNE, France.

3.2 - Test report N° EFR-22-HC-001668 Revision 2 dated 03/11/2022, as per ISO 1716:2018, from Efectis, France.

3.3 - Laboratory Note Ref. EFR-22-001668 dated 02/11/2022, from Efectis, France.

4. APPLICATION / LIMITATION:

4.1 - The fitting aboard should be the same as used for the test.

4.2 - Approved material is considered as having low flame spread characteristics (as per IMO 2010 FTP Code Part 5).

4.3 - In application of FTP Code 2010 Annex 2 § 2.2, the product is expected to satisfy the requirement of smoke & toxicity of IMO 2010 FTP Code Part 2 without further testing.

4.4 - Calorific value is less than 45 MJ/m² as per ISO 1716.

4.5 - Acceptable for use on any metallic substrate having a thickness of at least 0.75 mm.

4.6 - In application of the IMO 2010 FTP Code Annex 1 Part 5 Appendix 4 §2.6, alternative colours (same composition, only colour variation) may be used provided that the organic content is less and colour brighter than the one tested.

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - This certificate alone does not allow the applicant to issue the UK Declaration of Conformity and to affix the mark of conformity (United Kingdom conformity mark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, is to be complied with and controlled by a written inspection agreement with an Approved Body.

5.2 - For information concerning the production phase modules, **AXALTA COATING SYSTEMS FRANCE S.A.S.** has declared the following manufacturing sites:

Axalta Coating Systems France S.A.S.
108 Impasse de la Croix Meyssant - BP 33
42600 Savigneux
FRANCE

Axalta Boya Sistemleri Sanayi ve Ticaret Limited Sirketi
Velikoy Organize Sanayi Bolgesi 1.Cadde No:5
59500 Cerkezkoy Tekirdag
TURKEY

Axalta Powder Coating Systems UK Limited
Whessoe Road
DL3 0XH Darlington
UNITED KINGDOM

Axalta Powder Coating Systems Nordic AB
Södra Varvsgatan 23 - Box 520
SE-593 25 Västervik
SWEDEN

Axalta Coating Systems Germany GmbH & Co. KG
Siemensstraße 4
84051 Essenbach-Altheim
Germany

6. MARKING OF PRODUCT:

Reference is made to the Merchant Shipping (Marine Equipment) Regulations 2016, as amended, Part3:

In particular Article 15.3 specifies that the United Kingdom conformity mark shall be followed by the identification number of the Approved Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS:

It is **AXALTA COATING SYSTEMS FRANCE S.A.S.**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

***** END OF CERTIFICATE *****