



CERTIFICATE NUMBER
15-HS1272901-PDA

DATE
21 Jan 2015

ABS TECHNICAL OFFICE
Houston Ship Engineering

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of

CERAM-KOTE COATINGS INCORPORATED

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Coating**

Model: **CeRam-Kote 54 ATM**


This Product Design Assessment (PDA) Certificate 15-HS1272901-PDA, dated 21/Jan/2015 remains valid until 20/Jan/2020 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING


Mohamed C-Boukamcha
Engineer

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

CERAM-KOTE COATINGS INCORPORATED

1800 INDUSTRIAL DRIVE

BIG SPRING TX

United States 79721

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Email: freecom@ceram-kote.com

Web: www.ceram-kote.com

Tier: 2 - PDA Issued

Product: Coating

Model: CeRam-Kote 54 ATM

Intended Service:

Ceram-Kote 54 ATM is engineered to provide abrasion and corrosion protection to all metals, fiberglass, reinforced plastics, and plastic substrates. It may be used in contact with food or as an internal coating for all types of water tanks, except potable water tanks & dedicated seawater ballast water tanks in all types of ABS classed ships and double-side skin spaces of ABS classed bulk carriers, provided the curing instructions of the manufacturer are followed and the coated surfaces are thoroughly cleaned prior to being placed in service.

Description:

A two-component, high solids ceramic epoxy thin-film, spray applied and air dried flame-spread resistive ceramic coating system.

Rating:

Not Applicable

Service Restriction:

Unit Certification is not required for this product. If the manufacturer or purchaser requests an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

1. Oil, grease, mill scale, rust, loose paint, loose coatings and debris must be removed to obtain an effective coating. Surface preparation recommendations of the manufacturer should be followed for each type of substrate.
2. Dry temperature resistant to 300° F.
3. Do not apply to wet surface or ice.
4. Protect skin and eyes and use an approved respirator during application.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes/Drawing/Documentation:

A1- Coating Lab, Coating Lab, Revision: -, Pages: 1

A2- Coating Lab, Coating Lab, Revision: -, Pages: 1

B- Technical Inspection, Technical Inspection, Revision: -, Pages: 1

C- Owens Corning Fiberglas, Owens Corning Fiberglas, Revision: -, Pages: 1

Correspondence, Email dated 23 Oct 14, Revision: -, Pages: 1

D- Test Reports, Test reports, Revision: -, Pages: 1

E- Southwest Research Fire Rating, Southwest Research Fire Rating, Revision: -, Pages: 1

F- AOC VOC, Letter dated Aug 14 1997, Revision: -, Pages: 1

Terms of Validity:

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STANDARDS

ABS Rules:

Rules for Conditions of Classification, Part 1 - 2015 Steel Vessel Rules 1-1-4/7.7, 1-1-A3, 1-1-A4

Rules for Conditions of Classification, Part 1 - 2015 Offshore Units and Structures 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: Mobile Offshore Drilling Units 5-1-1/5.21, 5-1-1/5.23

Guidance Notes on the Inspection, Maintenance and Application of Marine Coating Systems (2007) - Appendix D & E

Guide for the Class Notation Coating Performance Standard (CPS) (2013) - 3.1.5

National:

ASTM: D 149, D 2794, D 4060, D 4518, E 84; Uniform Building Code Standard 8-1

International:

NA

Government:

NA

EUMED:

NA

OTHERS:

NA