



CERTIFICATE NUMBER

01-HS216602C-2-PDA

DATE

18 December 2013

ABS TECHNICAL OFFICE

Houston Materials

CERTIFICATE OF DESIGN ASSESSMENT

This is to Certify that a representative of this Bureau did, at the request of
Sika Corporation (New Jersey Plant) - Lyndhurst

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: **Adhesives & Sealants**

MODEL: **Sikaflex - 291 LOT**

This Product Design Assessment (PDA) Certificate 01-HS216602C-2-PDA, dated 18/Dec/2013 remains valid until 17/Dec/2018 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

Tim Kimble

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-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

Sika Corporation (New Jersey Plant)

875 Valley Brook Avenue
Lyndhurst
New Jersey 07071
United States
Telephone: 201-933-8800
Fax: 201-804-1040
Email: harris.daphne@sika-corp.com
Web: www.sika.com

Tier: 3

Product: Adhesives & Sealants

Model: Sikaflex - 291 LOT

Intended Service:

Marine & Offshore Applications

Description:

One-part polyurethane elastomeric marine sealant and adhesive. For use when a long open time is desired.

Ratings:

See attached 'pdf' for technical data.

Service Restrictions:

Sealant; may be used for light-duty bonding; not intended for structural applications. 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.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. This assessment does not cover hazards and risks associated in the transportation, handling and storage of this substance.

Notes / Drawings / Documentation:

Supporting Data:

Product Datasheet dated 15-January-2009

Term of Validity:

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STANDARDS

ABS Rules:

2014 Steel Vessels Rules 1-1-4/7.7, 1-1-Appendix 3

National:

ASTM D 412, ASTM D 1002, ASTM D 2240

International:

NA

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Tier: 3

Government Authority:

NA

EUMED:

NA

Others:

NA