



Confirmation of Product Type Approval 05/APR/2010

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product.

This is to certify that, pursuant to the Rules of the American Bureau of Shipping (ABS), the manufacturer of the below listed product held a valid Manufacturing Assessment (MA) with expiration date of 18/JUN/2014. The continued validity of the Manufacturing Assessment is dependent on completion of satisfactory audits as required by the ABS Rules.

And; a Product Design Assessment (PDA) valid until 16/MAR/2014 subject to continued compliance with the Rules or standards used in the evaluation of the product.

The above entitle the product to be called Product Type Approved.

The Product Design Assessment is valid for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

ITW POLYMERS AND FLUIDS

Model Name(s): Chockfast Orange, PR-610TCF

Presented to:

ITW POLYMERS AND FLUIDS
100 HASSALL STREET
WETHERILL PARK
Australia

Intended Service:

Chockfast Orange is used to chock propulsion machinery, generators, auxiliary equipment, tail shaft/stern tube shaft bearings and deck machinery. Also used to install stern tube, strut and rudder bearings.

Description:

Epoxy Chocking Resin (See attached "pdf" Technical Bulletin No.1032 for Description and Application.)

Ratings:

Compressive Strength: 1336 kg/cm² (19,000 psi) ASTM D-695 (Mod.); Tensile Strength: 349 kg/cm² (4,970 psi) ASTM D-638, and other physical properties are as per Technical Bulletin No. 1032.

Service Restrictions:

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. Storage instructions and expiration dates are to be clearly marked on the packaging

Comments:

Original resides with ITW Polymer Technologies-Montgomeryville, PA. The product is to be applied in accordance with the manufacturer's recommended procedures (see the latest bulletin No.1032).

Notes / Documentation:

This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

Term of Validity:

This Design Assessment Certificate number 03-HS399240C/4-DUP3/LTD, dated

13/Apr/2009 will expire on 16/Mar/2014 or at an earlier date should there be alterations to the product's design or changes to the referenced ABS Rules and other specifications, which affect the product. Product use on or after 1 January 2010, will be subject to compliance with the ABS Rules or specifications in effect when the vessel, MODU or facility is contracted. The product's acceptability on board ABS-classed vessels or facilities is defined in the service restrictions of this certificate.

ABS Rules: 2009 Steel Vessels Rules 1-1-4/7.7, 4-1-1/Table 2, 1-1-A3 & 4-2-1/11.5.
National Standards:
International Standards:
Government Authority:
EUMED:
Others: Manufacturer's Technical Bulletin 1032

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA-DUP	03-HS399240C/4-DUP3/LTD	13/APR/2009	16/MAR/2014



ABS Programs

ABS has used due diligence in the preparation of this certificate and it represents the information on the product in the ABS Records as of the date and time the certificate was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.