



Confirmation of Product Type Approval

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product. This certificate reflects the information on the product in the ABS Records as of the date and time the certificate is printed.

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 12/MAY/2020. 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 08/MAR/2021 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.

Product Name: Fastener, Bonded
Model Name(s): CB3200 (Dwg.No.CB3200 Rev. 4)

Presented to:
CLICK BOND, INC
2151 LOCKHEED WAY
United States

Intended Service:	Marine & Offshore Application - Mechanical Attachment Point with Adhesives
Description:	Adhesive Bonded Studs are used for Electrical Grounding, Mounts for Securing Cable & Pipe Runs, Light Hangars, Junction Boxes Non-critical Systems, etc
Ratings:	See attached "pdf" for Adhesives Plexus A0420, Click Bond CB200 or Bondmaster E04 Technical Data details
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. 1) Material to be stored, handled and used in accordance with Manufacturer's recommendation. 2) Particular attention need to be given to surface preparation and cleanliness of the surface to be bonded. Special attention should be given if installed on craft classed to the 2007 High Speed Naval Craft Guide where the Naval Technical Authority (NTA) provides requirements for shock. See 4-8-4/5.3.1 of the HSNC.
Comments:	When used on ABS Classed Vessels: 1) Details of Structural Adhesive are to be specified on the Material Data Sheet and on the Construction Plans submitted. 2) Specific Joints, extent of use, and substrates are to be reviewed on a case by case basis. 3) Storage Instructions and Expiration Dates are to be clearly marked on the package.
Notes / Documentation:	Dwg. CB3200, Rev. 4 - Stud, Very Large, Adhesive Bonded; CB200 Data Sheet,

CB200 acrylic structural adhesive. October 2001.

Term of Validity:

This Product Design Assessment (PDA) Certificate 16-HS1494023-PDA, dated 09/Mar/2016 remains valid until 08/Mar/2021 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.

ABS Rules:

2016 Steel Vessels Rules 1-1-4/7.7, 1-1-A3 & 4, 4-8-4/21.9.1, 21.9.3(b); 2016 ABS Rules for Steel Vessels Rules Under 90 Meters (295 feet) in Length 1-1-4/7.7, 1-1-A3 & 4, 4-6-3/5.9.1(c), 5.9.1(f); 2016 Rules For Building and Classing High-Speed Craft 1-1-4/11.9, 1-1-A2, 1-1-A3, 4-6-3/5.9.1 (c), 5.9.1 (f); 2016 ABS High Speed Naval Craft Rules 1-1-4/11.9, 1-1-A2, 1-1-A3, 4-8-3/5.3.1; 2014 (Up-dated July 2015) Guides For Building and Classing Yachts 4-1-1/3.3, 4-1-1/3.3, 4-6-3/5.1.4.

- National Standards:**
- International Standards:**
- Government Authority:**
- EUMED:**
- Others:**

2016 ABS Rules for Building and Classing Steel Vessel Rules for Service on Rivers & Intracoastal Waterways 4-5-3/5.9.1(c), 5.9.1(f); 2016 ABS Rules for Building and Classing Steel Barges 4-1-3/1;

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	16-HS1494023-PDA	10/MAR/2016	08/MAR/2021



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.