

# MAKE FAST REPAIRS IN TOUGH CONDITIONS

**ARALDITE® 2051 adhesive allows you to reduce asset downtime by up to 50% with the power to bond on-the-go.**

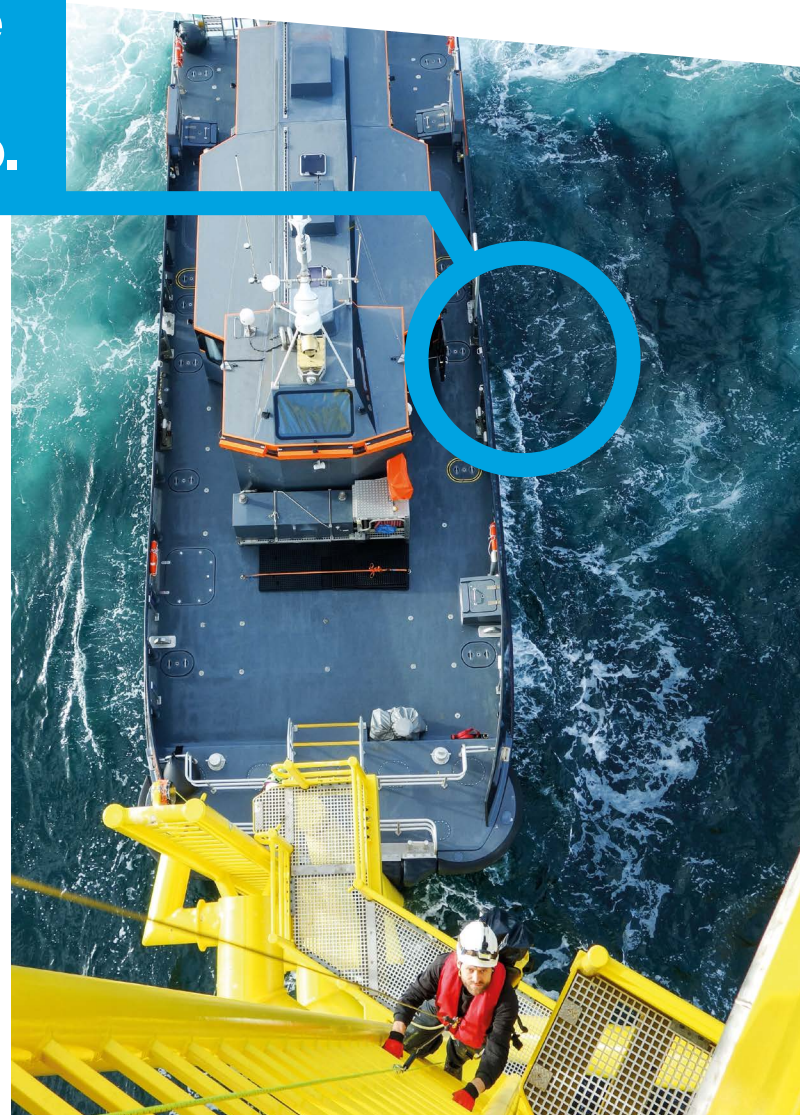
Making repairs in hot and wet conditions requires a reliable, easy-to-handle adhesive with a fast curing time. With virtually no surface preparation needed, the two-component ARALDITE® 2051 acrylic adhesive is ready for the toughest conditions.

This non-sagging adhesive is easily applied vertically and overhead for both small fixes and major repairs. Certified for specialized bonding on wind turbine blades, ARALDITE® 2051 adhesive is also perfectly suited for marine repairs. Whether working at heights or at sea, the power to make fast, durable bonds can help you reduce asset downtime by up to 50%.

## PRODUCT BENEFITS

- Fast curing from 32° to 104°F
- Cures underwater and in high humidity
- Virtually no surface preparation

**MADE POSSIBLE**



**MAKE RELIABLE BONDS ON DISSIMILAR MATERIALS IN DEMANDING CONDITIONS.**



ARALDITE® 2051 adhesive is a two-component acrylic adhesive suited for repair work in cold, humid and wet conditions.

**SUPERIOR PERFORMANCE**

**15 mins**  
15-min fixture time at room temperature

<b>5 mins</b> Pot life at room temperature	<b>246,564 psi</b> Tensile modulus
<b>2,900 psi</b> Lap shear strength on aluminium	<b>ca. 10%</b> Elongation at break

**248°F**  
248°F maximum continuous operating temperature\*

**REDUCED DOWNTIME**

**↑ 50%**  
Up to 50% faster repairs

**EN 45545-2**  
Conforms to HL3 requirements, Class R1 and R7, of the Railway European Fire Protection Standard EN 45545-2

**32-104°F**  
32-104°F processing temperature

\* For the maximum continuous operating temperature, we consider the maximum temperature for which the residual lap shear strength is 1/3 of the lap shear strength at room temperature or the temperature for which the residual lap shear strength is 725 psi.

With our Material Models, you get fast and accurate simulations when qualifying adhesives for your project.

**Click to find your Material Model**



**Legal information**

All trademarks mentioned are either property of or licensed to Huntsman Corporation or an affiliate thereof in one or more, but not all, countries. Sales of the product described herein ("Product") are subject to the general terms and conditions of sale of either Huntsman Advanced Materials LLC, or its appropriate affiliate including without limitation Huntsman Advanced Materials (Europe) BVBA, Huntsman Advanced Materials Americas Inc., or Huntsman Advanced Materials (Hong Kong) Ltd. or Huntsman Advanced Materials (Guangdong) Ltd. ("Huntsman"). The following supersedes Buyer's documents. While the information and recommendations included in this publication are, to the best of Huntsman's knowledge, accurate as of the date of publication, NOTHING CONTAINED HEREIN IS TO BE CONSTRUED AS A REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT OF ANY INTELLECTUAL PROPERTY RIGHTS, OR WARRANTIES AS TO QUALITY OR CORRESPONDENCE WITH PRIOR DESCRIPTION OR SAMPLE, AND THE BUYER ASSUMES ALL RISK AND LIABILITY WHATSOEVER RESULTING FROM THE USE OF SUCH PRODUCT, WHETHER USED SINGLY OR IN COMBINATION WITH OTHER SUBSTANCES. No statements or recommendations made herein are to be construed as a representation about the suitability of any Product for the particular application of Buyer or user or as an inducement to infringe any patent or other intellectual property right. Data and results are based on controlled conditions and/or lab work. Buyer is responsible to determine the applicability of such information and recommendations and the suitability of any Product for its own particular purpose, and to ensure that its intended use of the Product does not infringe any intellectual property rights. The Product may be or become hazardous. Buyer should (i) obtain Material Safety Data Sheets and Technical Data Sheets from Huntsman containing detailed information on Product hazards and toxicity, together with proper shipping, handling and storage procedures for the Product, (ii) take all steps necessary to adequately inform, warn and familiarize its employees, agents, direct and indirect customers and contractors who may handle or be exposed to the Product of all hazards pertaining to and proper procedures for safe handling, use, storage, transportation and disposal of and exposure to the Product and (iii) comply with and ensure that its employees, agents, direct and indirect customers and contractors who may handle or be exposed to the Product comply with all safety information contained in the applicable Material Safety Data Sheets, Technical Data Sheets or other instructions provided by Huntsman and all applicable laws, regulations and standards relating to the handling, use, storage, distribution and disposal of and exposure to the Product. Please note that products may differ from country to country. If you have any queries, kindly contact your local Huntsman representative.

ARALDITE® is a trademark of Huntsman Corporation or an affiliate thereof in one or more, but not all, countries.  
© 2023 Huntsman Corporation. All rights reserved.  
Ref. No. AdMat\_Araldite 2051\_core range\_EN\_US\_May 2023

**Americas**

Huntsman Advanced Materials Americas Inc.  
10003 Woodloch Forest Drive  
The Woodlands, TX 77380, USA  
Tel.: +1 888 564 9318  
Fax: +1 281 719 4047



BPA free

**Asia Pacific**

Huntsman Advanced Materials (Guangdong) Co., Ltd.  
Shanghai Branch Office  
455 Wenjing Road, Minhang District  
Shanghai 200245, P.R. China  
Tel: +86 21 3357 6588  
Fax: +86 21 3357 6547

**Europe, Middle East & Africa**

Huntsman Advanced Materials (Switzerland) GmbH  
Klybeckstrasse 200  
P.O. Box  
4002 Basel, Switzerland  
Tel.: +41 61 299 1111  
Fax: +41 61 299 1112

For more information: [www.huntsman.com](http://www.huntsman.com)