

Araldite® 2051

Fast bonding. Anytime. Anywhere.

Speed up bonding operations under warm, humid and even saltwater conditions

Araldite® 2051 is a fast curing, two-part acrylate adhesive designed to accelerate structural bonding operations while providing high toughness and resilience to vibrations, impact and dynamic loading.

Key benefits

- > Fast curing
- > From 0 to 40°C without additional heat
- > Under water and in humid areas
- > Virtually no surface preparation
- > Outstanding adhesion on dissimilar substrates
- > Excellent ageing and weathering resistance
- > Temperature resistance up to 120°C

**WARM
AND
HUMID**

**X-TREME
CONDITIONS**



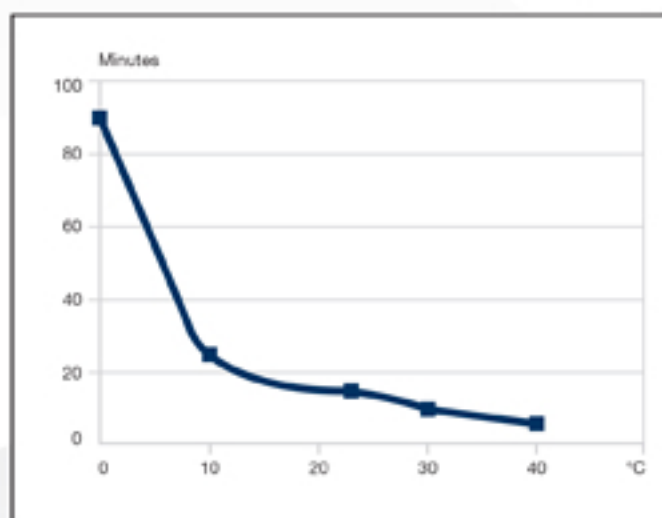
Araldite® 2051

Fast bonding. Anytime. Anywhere.

Typical product characteristics

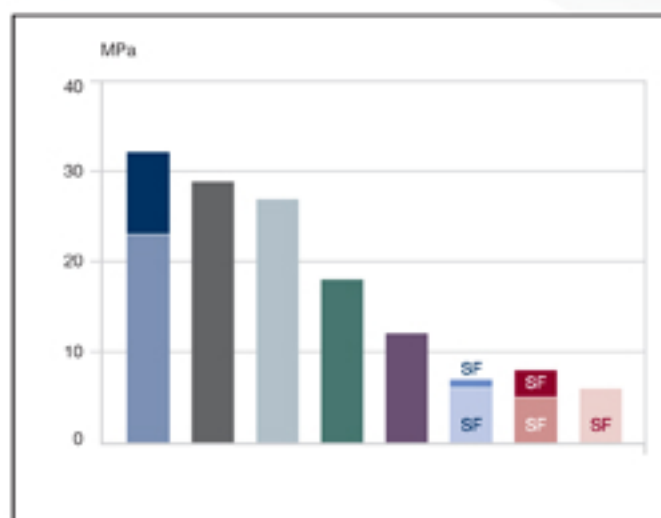
Pot life at RT	5 min
Fixture time at RT	15 min
Processing temperature	0 to 40°C
Maximum service temperature	120°C
Tensile strength	37 MPa
Tensile modulus	1 500 MPa
Elongation at break	ca. 10%

Fixture time at different temperatures



Lap Shear Strength at 23°C

ISO 4587

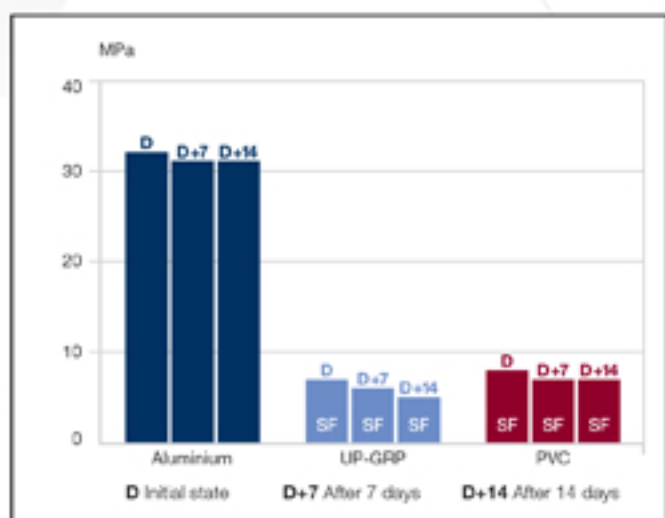


Aluminium bonded under water / in air Stainless steel
EP-GRP UP-GRP bonded under water / in air

SF: Substrate failure

Lap Shear Strength after ageing

Cataplasma ageing: ISO 9142-E2



Aluminium UP-GRP PVC
Steel CFRP PVC bonded under water / in air ABS

Learn more at www.aralditeadhesives.com

For any other information, please send an e-mail to advanced_materials@huntsman.com

Europe +41 61 299 20 41 India, Middle East, Africa & Turkey + 91 22 4095 1556 Asia / Pacific + 86 21 2208 7588 Americas +1 888 954 9318



Registered for
REACH

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, NONINFRINGEMENT 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.

© 2019 Huntsman Corporation. All rights reserved. Ref. No. AdMat Araldite® 2051_03_19_EN_EU