

# 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 0° to 40°C
- 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

**5 mins**

Pot life at room temperature

**1 700 MPa**

Tensile modulus

**> 20 MPa**

Lap shear strength on aluminium

ca. **10%**

Elongation at break

**120°C**

120°C 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

**0-40°C**

0-40°C 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 5 MPa.

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

**Click to find your Material Model**



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