

# Araldite® 2050

Fast bonding. Anytime. Anywhere.

Speed up bonding  
operations under any  
conditions of cold  
temperatures, saltwater  
and humidity

Araldite® 2050 is an ultra-fast curing, two-part acrylate adhesive designed to accelerate structural bonding of thermoplastics, composites and metals.

#### Key benefits

- > Ultra-fast curing
- > From -20 to 25°C (-4 to 77°F) 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 (248°F)

**COLD  
AND  
WET**

**X-TREME  
CONDITIONS**



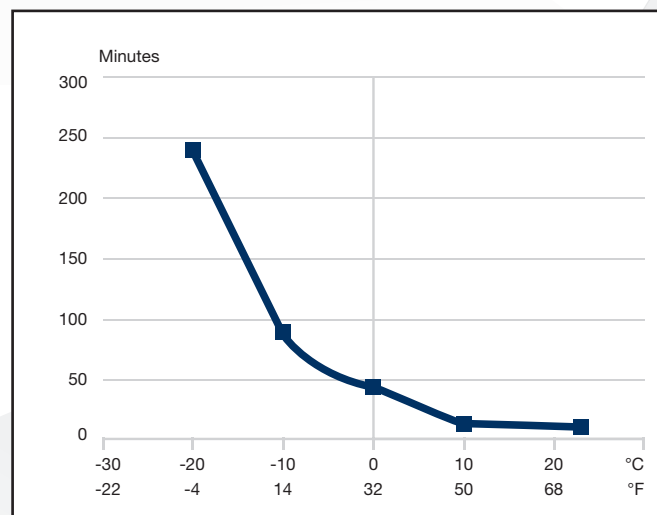
# Araldite® 2050

## Fast bonding. Anytime. Anywhere.

### Typical product characteristics

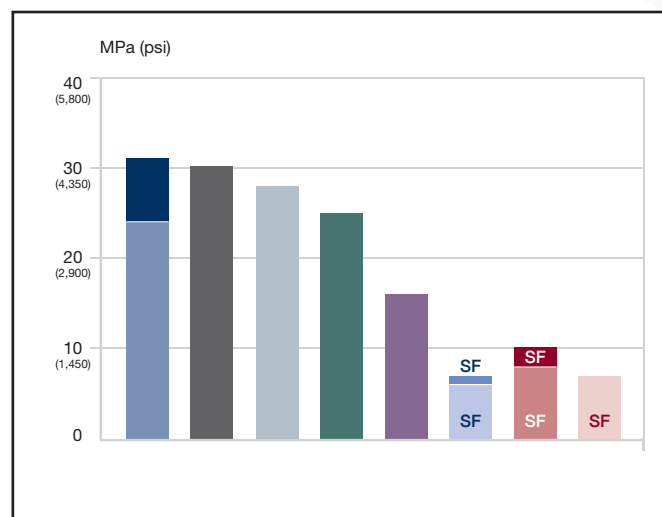
Pot life at RT	2 min
Fixture time at RT	9 min
Processing temperature	-20 to 25°C (-4 to 77°F)
Maximum service temperature	120°C (248°F)
Tensile strength	40 MPa (5,800 psi)
Tensile modulus	1,700 MPa (246,500 psi)
Elongation at break	ca. 10%

### Fixture time at different temperatures



### Lap Shear Strength at 23°C

ISO 4587

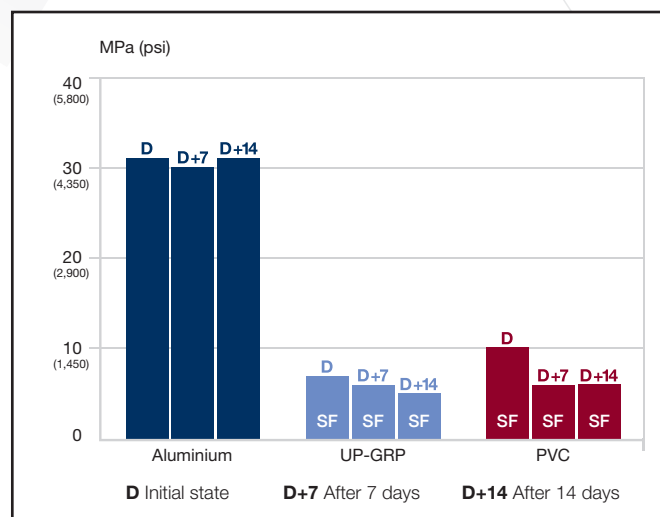


■ Aluminium bonded under water / in air   ■ Stainless steel  
 ■ EP-GRP   ■ UP-GRP bonded under water / in air

SF: Substrate failure

### Lap shear Strength after accelerated ageing

Cataplasma ageing: ISO 9142-E2



■ Steel   ■ CFRP  
 ■ PVC bonded under water / in air   ■ ABS

Learn more at [www.aralditeadhesives.com](http://www.aralditeadhesives.com)

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