

# 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**



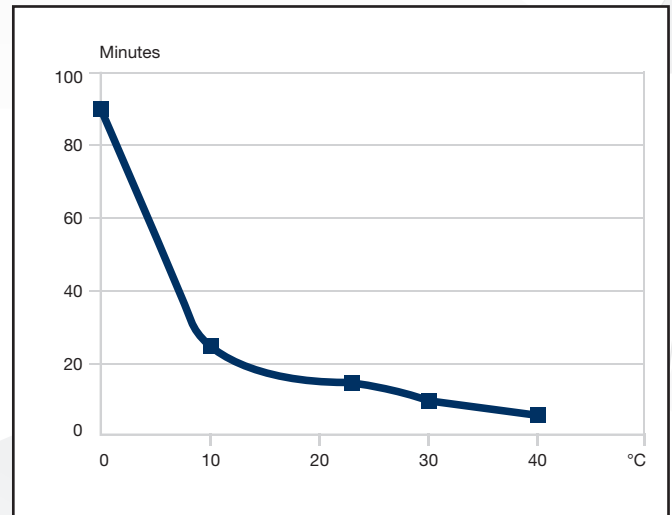
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## Typical product characteristics

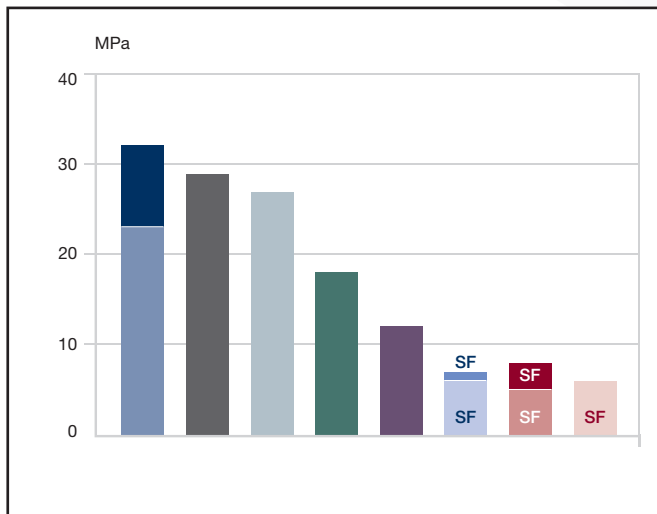
Pot life at RT	5 min
Fixture time at RT	15 min
Processing temperature	0 to 40°C
Maximum service temperature	120°C
Tensile strength	37 MPa
Tensile modulus	1 500 MPa
Elongation at break	ca. 10%

## Fixture time at different temperatures



## Lap Shear Strength at 23°C

ISO 4587



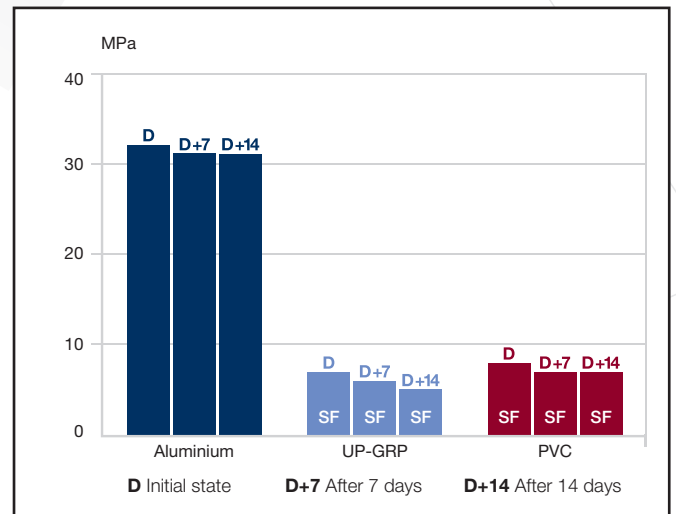
Aluminium bonded under water/in air  
EP-GRP

Stainless steel  
UP-GRP bonded under water/in air

SF: Substrate failure

## Lap Shear Strength after ageing

Cataplasma ageing: ISO 9142-E2



Steel  
PVC bonded under water/in air  
ABS

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