

ADHESIVE WELDING METAL

INSTANT ADHESIVE WITH GAP FILLING CAPACITY AND EXCELLENT ADHESION TO METALS

AFINITICA® ADHESIVE WELDING METAL is a 2-part instant adhesive specifically formulated to bond aluminium and other metals. It also fills gap, making it an exceptional adhesive for many applications. The ultimate solution to work with aluminium. Instant adhesion and high strength in any situation.

FEATURES



SPECIAL FOR METALS



GAP FILLING



HIGH STRENGTH



METALLIC COLOUR

- Bonds in 60 seconds
- High adhesion to aluminium
- Re-usable and active on part for 40 minutes
- Fills gaps up to 5 mm
- Bonds a large range of materials (*)
- Grey-metallic finish
- Gel consistency

TYPICAL APPLICATIONS

- Bond aluminium and other metals
- Bond irregular surfaces
- Give metal finish to damaged surfaces
- Strengthen weak or damage parts
- Repair and paint over defects



(*) Except polyolefins

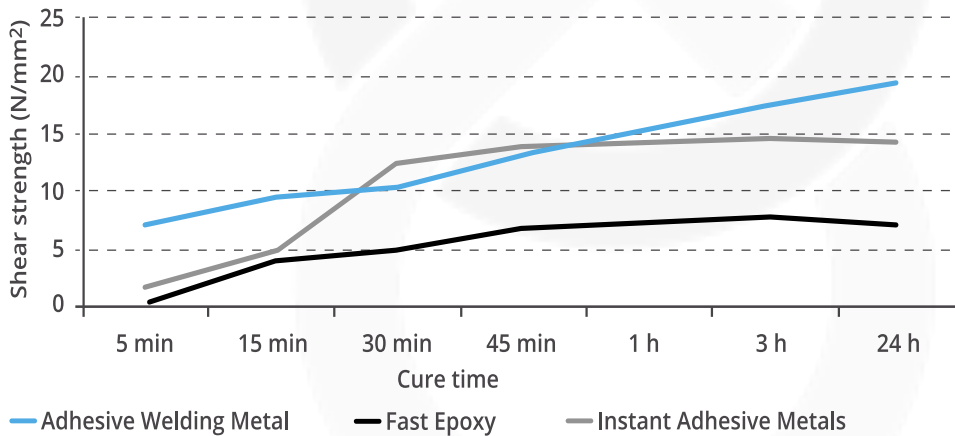
TECHNICAL DATA

BASE	Ethyl Cyanoacrylate
VISCOSITY	Gel
COLOUR	Grey
OPERATING THERMAL RANGE	-20 °C up to +80 °C
GAP FILLING CAPACITY	5 mm
OPEN TIME	35-40 minutes

SUBSTRATE	FIXTURE TIME (seconds)	SHEAR STRENGTH (24 h, kg/cm ²)
Beech wood	30-60	90-150
Steel	15-45	150-210
Aluminium A5083	60-90	160-200
Aluminium A5754	60-210	130-190
Aluminium A6082	60-210	150-220
ABS	60-75	90-110*



EVOLUTION OF STRENGTH ON ALUMINIUM



AVAILABLE FORMATS

10 g	50 g	200 g	400 g	20 kg
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(*) Substrate failure