

H₂R

ADHESIVE WITH HIGH RESISTANCE TO MOISTURE AND WATER EXPOSURE

AFINITICA® H2R is an instant adhesive with high resistance to humidity exposure. As opposed to other adhesives, the strength of adhesion is constant at its maximum value even after 7 days of total submersion in water at 60 °C.

FEATURES



HIGH
STRENGTH



WATER
RESISTANT



MULTI-
MATERIAL



TRANSPARENT

- Bonds in 30 seconds
- High resistance to water and moisture exposure
- Transparent
- High adhesion strength
- Bonds a large range of materials (*)
- Easy to use

TYPICAL APPLICATIONS

- Bonding dishwasher parts
- Repair pipes and sinks
- Mounting accessories in bathrooms and kitchens
- Bonding parts on equipment of outdoor sports, camping, in water sports and pools
- Woodworking and outdoor furniture



(*) Except polyolefins

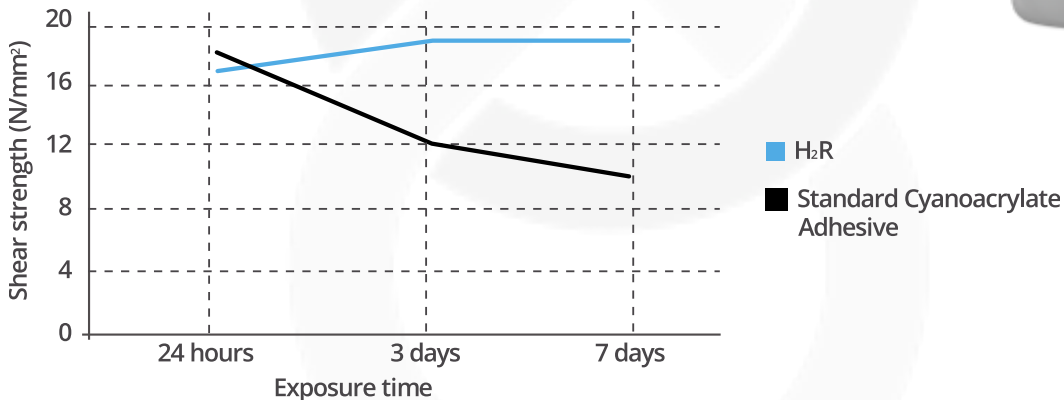
TECHNICAL DATA

BASE	Ethyl Cyanoacrylate
VISCOSITY	Medium (150 - 250 cP)
COLOUR	Transparent
OPERATING THERMAL RANGE	-20 °C up to +80 °C
GAP FILLING CAPACITY	0,10 mm
OPEN TIME	2 hours, depending on substrate

SUBSTRATE	FIXTURE TIME (seconds)	SHEAR STRENGTH (24 h, kg/cm ²)
Pine wood	50-90	80-120*
Beech wood	30-60	100-150*
Steel	15-45	150-200
Stainless steel A316	50-80	80-120
ABS	30-45	90-140*
Polycarbonate	50-100	70-111*



ADHESION EVOLUTION AFTER WATER EXPOSURE AT 60 °C ON MILD STEEL



AVAILABLE FORMATS

5 g	20 g	50 g	500 g	20 kg
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(*) Substrate failure