

Safety Data Sheet

JUBIQUICK
HV

RAPID HV GLUE



SAFETY DATA SHEET - JUBIQUIK RAPID HV GLUE

Liquid Properties

Chemical Base	Ethyl cyanoacrylate
Appearance	Transparent, Clear, Homogeneous, free of foreign matter. No separation
Viscosity (25°C)	1350-1500 Cps (Test apparatus: BROOKFIELD LV Spindle#3@60 Hum: 55%)

Bonding Speed

Defined as the time taken to develop a strength of 0.2 N/mm² at 25°C and 50% relative humidity.

TESTING MATERIALS	TEST APPARAUS	REQUIRED STANDARD	TEST RESULT
MDF/ MDF	Stopwatch	/	8 seconds
Balsa Wood	Stopwatch	0-5 seconds	3 seconds
Pine Wood	Stopwatch	20-40 seconds	15 seconds
Oak Wood	Stopwatch	20-40 seconds	24 seconds
Phenolic Foam Board	Stopwatch	0-10 seconds	7 seconds
Tri-ply Wood	Stopwatch	0-20 seconds	9 seconds
Nitrile Rubber	Stopwatch	0-5 seconds	3 seconds
PC	Stopwatch	0-15 seconds	8 seconds
PVC	Stopwatch	0-5 seconds	5 seconds
ABS	Stopwatch	0-5 seconds	5 seconds
Cardboard	Stopwatch	0-5 seconds	3 seconds
Oak Powder	Stopwatch	0-10 seconds	10 seconds
Steel	Stopwatch	0-10 seconds	5 seconds

Bonding Performance

Conditions for testing shear strength: Temperature: 25°C Humidity: 50% Cure time: 24 hours
Rate of extension: 2mm/MIN

TESTING MATERIALS	TEST APPARAUS / TEST STANDARD	REQUIRED STANDARD	TEST RESULT
Steel to Steel	KJ-1066B/GB/T 7124-2008	> 12 Mpa	18 Mpa
ABS to ABS	KJ-1066B/GB/T 7124-2008	> 7 Mpa	8.7 Mpa Material damaged
PVC to PVC	KJ-1066B/GB/T 7124-2008	> 9 Mpa	11.6 Mpa Material damaged