



EP 2050 SEMI RAPID DRYING EPOXY ADHESIVE

● PRODUCT DESCRIPTION

EP2050 is a two component, 1:1 easy mix ratio, solvent free epoxy adhesive with semi rapid drying property. This toughened epoxy adhesive can be used for metals, composites, plastics, ceramics, stone and wood.

● CURING PROPERTIES

Pot Life	20 min.
Handling Strength	60 min.
Functional Strength	3 hrs.
Full Cure	72 hrs.

● PHYSICAL PROPERTIES

Color	Clear
Viscosity (mixed)	5000 cps
Specific Gravity	1,07
Mix ratio (by volume)	1:1

● CURED PROPERTIES

Temperature Resistance	-50° C +100° C
Hardness Shore D	65
Lap Shear Strength (N/mm ²)	21
Tensile Strength (N/mm ²)	40
Youngs Modulus (Mpa)	1700 - 2000

● STORAGE AND SHELF LIFE

The surfaces should be free of dust, oil and other dirt in order to obtain an optimal efficient bond.

Shelf life: Store in original, unopened containers for 12 months at room temperature

The resin of part A might cristalize during storage. This process is reversible by heating (1 hour @ 40°C).

