



5 MINUTES EPOXY

Taftbond 5 Minutes Epoxy

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PRODUCT DESCRIPTION

Taftbond, 5 minutes epoxy is a rapid cure, crystal clear, multipurpose, two component, room temperature curing, adhesive of high strength and toughness. It is suitable for bonding a wide variety of metals, ceramics, glass, rubbers, rigid plastics, and most other materials in common use. It is a versatile adhesive for the craftsman as well as most industrial applications.

TYPICAL PROPERTIES

- Convenient mix ratio of 1:1
- Rapid curing
- High clarity when cured
- Excellent bonding to most metals and many plastics
- Excellent weather and environmental resistance

PHYSICAL PROPERTIES (UNCURED)

ITEM	EPOXY RESIN	HARDENER
Appearance	Liquid	Liquid
Colour	Clear, Transparent	Clear, Transparent
Viscosity, @25°C, (Pas)	20 - 50	20 - 40
Mix Ratio, Parts by Volume	100	100
Shelf Life @25°C, Months	36	36

CURE PROFILE

ITEM	RESULT
Gel Time, 20 Gram @25°C, Minutes	4 - 5
Worklife, @25°C, 20 Gram, Minutes	8 - 10
Through Cure Time, @25°C, 2 Gram, Day	1
Through Cure Time, 60°C, Hours	2

PHYSICAL PROPERTIES (CURED)

ITEM	RESULT
Glass Transition Temperature, (DMA), °C	45
Durometer Hardness, Shore D	80 - 90
Lap Shear Strength, Kg/cm ²	80
Tensile Strength, Kg/cm ²	60
Compression Strength, Kg/cm ²	900
Service Temperature, °C	-40 to 120

APPLICATION OF ADHESIVE

The resin/hardener mix may be applied directly or with a spatula to the pretreated and dry joint surfaces. A layer of adhesive 0.05 to 0.10 mm thick will normally impart the greatest lap shear strength to the joint. Proper adhesive joint design is also critical for a durable bond. The joint components should be assembled and secured in a fixed position as soon as the adhesive has been applied.

COMPLIANCE AND QUALITY

RoHS statements and Safety Data Sheets for this product are available on request. Contact the MightyLoc team and we will send the current documents.

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All recommendations for the use of our products are based on the current state of our knowledge. The Buyer remains responsible for satisfying itself that the product is suitable for its intended process or purpose. Since we cannot control the application, use, or processing of the product, we accept no responsibility on that basis. Refer to the current controlled data sheet, or contact us, before production use.