



Chromaxx 9010

Knife Grade Epoxy Adhesive

Chromaxx 9010 is a Gel-like, two part epoxy adhesive system specially design for countertop industry.

This easy to use adhesive has shorter open time and cures at room temperature.

- ❖ Outstanding adhesion and an excellent long-term durability
- ❖ Ideal for Indoor & Outdoor application
- ❖ Excellent environmental and weather resistance

Adhesive Properties

	Resin	Hardener
Consistency@ 25 °C	Gel	Gel
Specific Gravity	1.17	1.13
Color	Transparent	Clear
Mix Ratio by Volume	2	1
Work Time:	20 – 30 minutes	
Handling Strength:	6 – 8 hours	
Full Cure:	24 hours	

Physical Properties

Hardness, Shore D	75 – 80	ASTM D 2240
Glass Transition Tg	75 – 80 °C	
Tensile Modulus, psi	78 – 82,000	ASTM D 790
Tensile Strength, psi	2,100	ASTM D 790
Volumetric Shrinkage	0.6 – 0.9 %	
Linear Shrinkage	0.1 – 0.3 %	
Water Absorption	0.5 – 0.7%	

Service Temperature: -67 °F to 250 °F

Working time with different amounts:

Amounts	Working Time
50 gram of Resin + 25 gram of Hardener	25 – 35 minutes
100 gram of Resin + 50 gram of Hardener	20 – 30 minutes
300 gram of Resin + 150 gram of Hardener	15 – 25 minutes

Chemical Resistance

Chromaxx 9010 have excellent resistance to variety of chemicals.

Chemicals	Effect on bonded joints
Acetic Acid 10%	No Effect after 10 days
Gasoline	No Effect after 10 days
Ammonium 10%	No Effect after 10 days
Salt Water	No Effect
Sodium Chloride 10%	No Effect
Vegetable oil	No Effect
Formic Acid 10%	No Effect

Pieces were bonded and immersed in above chemicals for 10 days. No effect observed.

Directions For Use

1. Complete cleaning of the substrates should be performed to remove contamination such as rust, primer, paint, dust and oils which can cause poor adhesion in a bonded part.
2. Rough the bonded surfaces using grade 50 grinding disc.
3. Two Parts (by weight or Volume) of resin are to be thoroughly mixed with one part of hardener until homogeneous color is obtained.
4. The mixture remains workable for 20 -30 minutes.

Cleanup:

It is recommended to clean up excess adhesive from the work area and application equipment before adhesive cures. Use appropriate cleaning solvent compliant with VOC regulations in your area. Keep containers tightly closed after use.

Special Instruction:

1. Use separate tool to remove resin and hardener from the can.
2. The adhesive is no longer to be used if it is already thickened or gelled.
3. The resin tends slightly to crystallize during storage at cold temperature. The resin can be workable again by warming it.

Storage:

Store in an original, tightly covered container in clean, dry area.

Optimal Storage: 25 °C

Storage greater than -15 °C can adversely affect product properties.

Warranty:

All products purchased from or supplied by PAI are subject to terms and conditions set out in the contract. PAI warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by PAI is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. PAI makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.

Packing:

Resin is packaged in ½ gallon (2 kg can)

Hardener is packaged in quart (1 kg can)

Parson Adhesives Inc.

Rochester Hills, Michigan 48309 USA

Phone: 248-299-5585 Fax: 248-299-3846

Email: sales@parsonadhesives.com

Website: www.parsonadhesives.com