



POLYMERICA

INCORPORATED

POLYMERICA PRODUCT DATA

MasterSpec EQP Epoxy Quick Patch

PRODUCT PRESENTATION

MasterSpec EQP is a multi-purpose two component patching compound designed for use as a fast-track repair and setting adhesive. This trowelable mastic is provided in any easy to mix, equal part ratio with a 10-15 minute working time at 70°F. Repairs can be sanded, tapped, sawed, drilled or topcoated in as little time as one hour after application.

MasterSpec EQP is a 100% solids, non-shrink, moisture tolerant adhesive.

PRODUCT FEATURES

- Filling cracks and divots in concrete floors prior to coating.
- Filling bugholes and honeycombs in formed concrete.
- Repairing chipped concrete, vertical and overhead.
- Setting terrazzo and cove stripes.
- Setting injection ports & buttering cracks.
- Smoothing uneven surfaces.

COVERAGE

One gallon will yield 231 cubic inches of mastic.

PACKAGING

Unit size	Part A	:	Part B	Weight*
1/2 gallon	1 x 1/4 gal.	:	1 x 1/4 gal.	9 lbs.
2 gallons	1 x 1 gal.	:	1 x 1 gal.	30 lbs.

* approximate shipping weight

INSTALLATION GUIDELINES

Preparation: Surface must be clean and sound. All dirt, oil, grease and loose substrate matter must be removed.

Mixing: Observe all precautions on MSDS and labels when using this product. Mix 1A : 1B by volume until a uniform color is achieved.

Application: Apply with trowel, putty knife or a broad knife.

Cure: EQP is firm in 45 minutes and can generally be sanded in 60 minutes at 70°F. **EQP should always be sanded before topcoating.**

Clean-Up: Clean skin and equipment with soap and water, use MEK or proprietary epoxy thinner for equipment.

PHYSICAL PROPERTIES

Composition:	Two-component amine cured epoxy.
Color:	Grey and white
Weight/gallon:	14.0 lbs. mixed
Solids Content:	100%
Mix Ratio:	1A : 1B by volume
Pot Life:	10-15 minutes @ 70°F. (100 gram mass)
Consistency:	Trowelable putty

PERFORMANCE PROPERTIES

Tensile Strength: (ASTM D-638)	7400 psi
Elongation: (ASTM D-638)	2.5%
Adhesion: (ASTM D-4541)	
To metal:	2600 psi
To concrete:	350 psi (concrete fails)
Hardness: (ASTM D-2240)	85 (Shore D)
Abrasion Resistance: (ASTM D-4060)	33-38 mg. loss (CS-17 wheel, 1 kg. load, 1000 cycles)
Service Temperature:	175°F (immersion) 225°F (dry heat)

SAFETY

Material Safety Data Sheets are available from **POLYMERICA** and should be consulted prior to use of the product. This products are intended for use by professionals only. Keep away from children and those not trained in the use and potential hazards involved.

MasterSpec EQP is a two part epoxy system. Part A contains epoxy resins and silica. Part B contains amine-epoxy adducts and silica. Workers should wear goggles, gloves and body covering clothing when mixing and applying product. Clean with soap and warm water. Abrasive treatment of cured film may generate microcrystalline silica dust. Dust masks should be worn when abrading. Be sure to follow label and MSDS cautions.

CHEMICAL RESISTANCE

<u>Reagent</u>	<u>Rating</u>
Acetic Acid-5%	L
Acetone	L
Bleach	L
Citric Acid-20%	L
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline	R
Hydrochloric Acid-15%	R
Lactic Acid-15%	L
Methyl Ethyl Ketone	L
Nitric Acid-10%	L
Skydrol	R
Sodium Hydroxide-50%	R
Sulfuric Acid-50%	R
Toluene	L
Urea	R
Vinegar	L
Xylene	L

R - Recommended for continuous service.

L - Limited recommendation, occasional spills.

This chart is intended as an aid in evaluating the performance of these systems in various chemical exposures at 75°F. The data is intended as a guide only. In severe or combination exposures, a sample should be tested under actual or simulated use conditions.

Product data is revised as needed to reflect the most recent technology and field experience. Consult **POLYMERICA** for current printing date of literature.

WARRANTY

POLYMERICA warrants its products to conform to its manufacturing standards. **POLYMERICA** will replace or refund the purchase price of non-conforming product at the seller's option; such remedy being exclusive of all others and sole remedy available to the buyer. Buyer hereby expressly waives claim to additional damages. Any claim under this warranty must be made in writing within 7 days of discovery of non-compliance and no later than one year from the date of delivery of product. No representative, distributor or applicator of these products is authorized to modify product data or warranty.

IMPORTANT NOTICE

These products are sold subject only to the express warranty contained herein. There are no other warranties by **POLYMERICA** of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with its product. Information contained herein is based on data believed to be reliable, however, it is the Buyer's responsibility to satisfy itself of the suitability of the product for a particular purpose.

MSEQP100703

For additional information, visit our web site:

www.polymerica.com

Or e-mail us at - polymrca@bellsouth.net

800.762.1687
www.polymerica.com

