



POLYMERICA PRODUCT DATA

MasterPiece EPS-FG Pigmented Primer for *Granitech*

PRODUCT PRESENTATION

MasterPiece EPS-FG is an ultra-low viscosity 100% solids epoxy primer designed to penetrate and prime concrete prior to the application of **MasterPiece Granitech**. Its excellent wetting properties facilitate penetration and also provide tenacious bond strengths.

PRODUCT FEATURES

- ➔ 100% solids, no solvent and no water
- ➔ Non-volatile and low odor, can be used in occupied facilities
- ➔ moisture insensitive for application to “can’t dry” cracks and surfaces
- ➔ exceptionally high coverage rates

COVERAGE

Applied as a primer, **EPS-FG** should be applied at 160 - 175 sq. ft. per gallon.

PACKAGING

Unit Size	Part A	Part B	Weight*
1 gallon	1 x 3/4	1 x 1/4	11 lbs.
4 gallons	1 x 3	1 x 1	40 lbs.
20 gallons	3 x 5	1 x 5	194 lbs.

*approximate shipping weight

INSTALLATION GUIDELINES

Pre-installation: As is the case with any impermeable floor coating, any concrete slab on grade to receive this product should be tested for moisture content while in the planning and estimating stages. Product should only be installed if moisture content falls within acceptable range or **MVP** is used as a primer. Consult **POLYMERICA** Bulletin SP-C for details.

Preparation: Surface must be properly prepared. Consult Bulletin SP-C for details. Minimum application surface temperature is 40°F, preferably 65°F - 75°F.

Mixing: Observe all precautions on MSDS and label when using this product. Premix Part A with a low-speed drill equipped with a Jiffy Blade for at least two (2) minutes, then mix 3A : 1B by volume for an additional two minutes. Blend thoroughly, scraping sides and bottom of container frequently.

Application: Pour onto the floor in ribbons, apply with a squeegee, and backroll with a good quality roller. Do not puddle. Reference **Granitech** Data Sheet for full details on installation.

Cure: **EPS-FG** will tack in 60 - 90 minutes at temperatures above 70°F. **Granitech** can be applied in 4 - 8 hours. To ensure a chemical bond, **Granitech** must be applied within a 24 hour window.

Clean-Up: Clean skin with soap and water. Use MEK or proprietary epoxy thinners for equipment.

GRANITECH COLOR	EPS-FG COLOR	GRANITECH COLOR	EPS-FG COLOR
1105 Stardust	Slate Grey	3054 Mintleaf	Cypress Green
1106 Chimney Sweep	Slate Grey	3055 Rainforest	Cypress Green
1107 Sterling	Slate Grey	3056 Juniper	Cypress Green
1108 Onyx	Pearl Grey	4074 Shifting Sand	Sand Beige
2061 Mulberry	Brick Red	4075 Golden Pyramid	Terra Cotta
2063 Morning Glow	White	5102 Grape Arbor	Wedgewood Blue
2064 Pinkster	White	5103 Denim	Slate Grey
3053 Spearmint	Mint Green	5104 Bluegrass	Cypress Green

PRODUCT DATA

PHYSICAL PROPERTIES

Composition:	Two-component amine adduct cured epoxy
Color:	pigmented
Weight/gallon:	9.01 - 9.09 lbs.
Solids Content:	100%
Mix Ratio:	3A : 1B by volume
Pot Life EPS:	25 - 35 min. @ 77°F
Viscosity:	600 - 1,000 cps. @ 77°F

PERFORMANCE PROPERTIES

Tensile Strength: (ASTM D-638)	8,500 psi.
Slant Shear Strength	2,100 psi.
Elongation (ASTM D-638)	5.5%
Adhesion: (ASTM D-4541) to metal: to concrete:	2,600 psi. 350 psi. (concrete fails)
Hardness: (ASTM D-2240)	75 (Shore D)
Abrasion Resistance: (ASTM D-4060)	35 - 40 mg. loss CS-17 wheel, 1 kg. load, 1,000 cycles
Service Temperature:	160°F immersion 185°F dry heat

SAFETY

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

MasterPiece EPS-FG is a two-component epoxy system. Part A contains epoxy resins. Part B contains polyamine epoxy adducts. Workers should wear gloves, goggles and body covering clothing when mixing or applying product. Clean up with soap and warm water. Be sure to follow all label and MSDS cautions.

For additional information, visit our web site:
www.polymerica.com

Or e-mail us at - info@polymerica.com

POLYMERICA
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CHEMICAL RESISTANCE

Reagent	Rating
Acetic Acid 5%	L
Acetone	L
Bleach	L
Citric Acid-50%	R
Crude Oil	R
Diesel Fuel	R
Ethylene Glycol	R
Fatty Acids	L
Gasoline	R
Hydrochloric Acid-15%	R
Lactic Acid-15%	R
Methyl Ethyl Ketone	L
Nitric Acid-10%	R
Skydrol	R
Sodium Hydroxide 50%	R
Sulphuric Acid-30%	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 70°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 products 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 noncompliance 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 warranties 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 this product. Buyer agrees that seller assumes no liability for remote or consequential damages of any kind which result from the use or misuse of this 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.

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