

1. Product Name

Acrymax® EP-015
Water Based Epoxy

2. Manufacturer

Acrymax Technologies Inc.
221 Brooke St.
Media, PA 19063
610-566-7470
800-553-0523
610-891-0834 Fax
www.acrymax.com
info@acrymax.com

3. Product Description

Basic Use

EP015 is a two component water based epoxy coating that exhibits excellent characteristics that are comparable to solvent based products. EP015 has excellent chemical resistance and abrasion resistance.

Recommended for priming or coating concrete, wood or masonry. This product can withstand exposure to many common solvents and chemicals.

Features

- Excellent abrasion resistance
- Good chemical resistance
- Environmentally friendly waterborne formulation

Sizes

2 and 5 gallon kits.

Colors

Off White, Light Gray, Medium Gray, Tile Red, Beige.

Limitations

Successful coating applications require selection of the proper coating system for the specific application. Comply with

manufacturer's recommendations. Adequate and thorough surface preparation is required. Acrymax coatings should only be applied to sound and properly prepared surfaces.

4. Technical Data

CHEMICAL RESISTANCE:

Reagent	Rating
Acetic acid 5%	1
Xylene	1
Gasoline	1
10% Sodium hydroxide	2
50% Sodium hydroxide	1
10% Sulfuric	1
10% Hydrochloric acid	1
Ethylene glycol	2

Rating key:

- 1 = 2 hour term splash spill
2 = 8 hour term splash spill

Liquid coating – Mixed

% volume solids	41.0 +/- 2.0
% weight solids	53.0 +/- 2.0
Density [lb/gallon]	11.8 +/- 0.2
Viscosity (cps)	900 – 1250
VOC [g/l]	121

5. Installation

Preparation: All surfaces must be clean and free of dirt, dust, oil, and other contaminants that can interfere with adhesion. A TSP Substitute can be spray applied over the entire surface followed by thorough washing. All residual cleaning agents must be removed; otherwise, they will interfere in the adhesion of coatings. Concrete should be mechanically scarified or acid etched to provide a suitable profile.

When coating concrete floors a test should be done to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4' x 4'

plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of hydrostatic pressure that can cause disbonding of applied coating.

Product Mixing: This product comes pre-packaged by weight. Kits should be mixed in their entirety. After the two parts are combined, mix well with slow speed mixing equipment such as a jiffy mixer until the material is thoroughly mixed and streak free.

Application: The mixed material can be applied by brush or roller. Maintain temperatures within the recommended ranges during the application and curing process. Temperatures should be between 55-90°F with relative humidity below 75%. Pot life at 70°F is 1 – 1.5 hours. When the end of the pot life has been reached, you will find that the material becomes hard to apply and will actually tend to roll back up onto the roller. Do not try to continue application when the coating has reached this step. Applications made at different times with differing environmental conditions, may show slight variations in gloss.

Coverage:

Recommended Film Thickness:

5 -7 mils per coat wet thickness (yields 2-3 mils dry)

Coverage per gallon:

229 to 320 square feet @ 5-7 mils wet thickness

For added protection multiple coats of this product can be applied. For improved chemical resistance, color stability or UV stability, topcoat with a suitable aliphatic urethane.

Cure Schedule @ (70°F):

Pot life	1 - 1.5	hours
Tack Free	5 - 8	hours
Recoat	7 - 10	hours
Light Traffic	16 - 24	hours
Full Cure	2 - 7	days

Restrict the use of the floor to light traffic and non-harsh chemicals until the coating is fully cured. It is best to let the floor remain dry for the full cure cycle.

Clean-up: Use PM solvent or clean up with soap and water before coating dries. Waterborne coatings will not redissolve after drying, so pumps and other application equipment must be cleaned immediately following use and before coating dries.

6. Availability and Cost

Acrymax coatings are available directly from Acrymax and through select distributors. Cost information may be obtained from the manufacturer at the number listed in section 2.

7. Warranty

Limited Material Warranty: Since Acrymax does not control the application of its products, or the condition of the surfaces to which

they are applied; Acrymax's liability will under no circumstances exceed replacement cost of the product proven defective. Acrymax limited material warranty is available when all materials are used in strict accordance with all of Acrymax's requirements and recommendations. Acrymax's sole responsibility under this limited material warranty is for defective material and Acrymax's only obligation shall be to either replace or refund the purchase price of the materials or part thereof proven to be defective. No statement by anyone may supersede this limited material warranty, except when done in writing by Acrymax's Technical Service Office in Media, PA. Specific projects that meet certain requirements may qualify for extended or system warranties. Consult Acrymax for complete warranty information.

8. Maintenance

Periodic inspections are advised for all coating projects. An occasional cleaning and/or recoating of coated surfaces may be required depending on environmental conditions to

which the coating system is exposed. Repair as necessary.

9. Technical Services

Factory service personnel offer design assistance and technical support. For technical assistance, contact Acrymax.

10. Disclaimer

The technical data and suggestions for use contained in this document and Acrymax published product information are believed to be true and accurate as of the date of issuance. The statements contained in these product information publications do not constitute a warranty, expressed or implied, as to the performance of these products. All technical information is subject to change without notice.

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Read and comply with Material Safety Data Sheet