

Excel-Coat Primer 120 / 120-CA Data Sheet

Water-Based Epoxy Primer/Sealer

COMPOSITION:

Excel-Coat Primer 120 is a two-component, liquid applied, water-borne epoxy primer designed for concrete, existing decorative coatings and textured waterproofing systems.

BASIC USE:

Excel-Coat Primer 120 is primarily used for new and existing surfaces prior to application of Excellent Coatings acrylic waterproofing and decorative coating systems. Each kit is packaged in the properly proportioned mix ratio and is ready to be mixed and used.

New VOC compliant formula (Primer 120-CA) is available for use in California.

LIMITATIONS:

- Do not allow product to freeze.
- Do not apply to surfaces which are designated as wet areas.

GRADE:

Excel-Coat Primer 120 or 120-CA Part A – Base Resin
Excel-Coat Primer 120 or 120-CA Part B - Hardener

PACKAGING:

Excel-Coat Primer 120 is available in 1 & 2 gallon kits.
Excel Coat Primer 120-CA is the California VOC Compliant formula and is available in 1 gallon kits.

SHELF LIFE:

Twelve months from manufacturing date stored below 80°F and above 35°F. Do not allow product to freeze.

JOB CONDITIONS:

Applicator shall thoroughly examine all surfaces for any deficiencies. Should any deficiencies exist, the Architect, Owner or General Contractor shall be notified in writing and any corrections necessary shall be made. The surface temperature of the substrate should be a minimum of 45°F.

INSTALLATION OVER CONCRETE:

Preparation:

1. Curing of concrete shall be by means of water cure or dissipating compounds. Curing compounds shall be approved by an authorized representative of Excellent Coatings International
2. Concrete shall be cured a minimum of 28 days prior to installation of the Excel-Coat Primer 120 unless approved by an authorized representative of Excellent Coatings International.
3. Concrete finish shall be a power metal float followed by a light steel trowel and fine hair broom finish, or equivalent.
4. Concrete surfaces shall be free of excessive roughness, voids, protrusions or exposed aggregate.

Application:

1. Open both base and hardener containers. The base container is not full, in order to pour the contents of the hardener container into the base container.
2. Using a drill motor and a mixing attachment, mix the resin and the catalyst thoroughly.
3. Using care, apply mixed primer by roller or brush creating a thin, even coat. One gallon kit should cover approximately 250-350 square feet.
4. Allow primer to become tacky at least 1-3 hours at 70°F (12°C) before application of the Excel-Crete material. Excel-Crete should be applied while primer is slightly tacky. For epoxy or urethane coatings, allow primer to become tack free. This process takes 2-6 hours.

INSTALLATION OVER EXISTING COATINGS:

Preparation:

1. Existing coatings shall be tightly adhered with no cracking, peeling or chipping. Surface shall be clean and dry. It is recommended that existing coatings that are to be re-coated be approved by an authorized representative of Excellent Coatings International.

Note: If primer cures longer than one day before application of acrylic materials, then re-prime surface.

STORAGE AND HANDLING:

Store Excel-Coat products in a cool, dry area and protect from freezing. Partial containers can be resealed if the two parts have not been mixed. Should a top skin develop on the remaining contents of a container, the physical properties and effectiveness of the contents will not be impaired. Clean mixing and application tools with water. Dispose of empty containers properly according to current Local, State and Federal regulations.

HEALTH AND HAZARD INFORMATION:

Use the product with adequate ventilation and personal protection. Users must read container label and Safety Data Sheet (SDS) for specific health and safety precautions prior to use.

AVAILABILITY:

Immediately available from Excellent Coatings International and authorized distributors.

COST:

Cost data is available from your local Excellent Coatings International authorized representative. For the name and number of the nearest local representative, call Excellent Coatings International at (800) 473-3817.

MAINTENANCE:

Cleaning can be accomplished by scrubbing with detergent soap and water. Heavy stains may require TSP solution and brushing with a stiff broom.

Excellent Coatings International

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<http://excellentcoatings.com> Email: info@excellentcoatings.com

GUARANTEE / WARRANTY:

Excellent Coatings International warrants Excel-Coat Primer 120 to be free of defects and manufactured to meet published physical properties for a period of one year following the date of shipment, provided that the product has been applied according to the manufacturer's instructions. Under this warranty, Excellent Coatings International will provide, at no charge, product in containers to replace any product proved to be defective in applications recommended by us as suitable for this product. All claims concerning the product's defects must be made within twelve months of shipment and within thirty days of discovery. Absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. THIS WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC PURPOSE.

TECHNICAL SERVICE:

Authorized local representatives are available to provide design assistance and on-site instruction for our products. Excellent Coatings International provides assistance in design and development of special applications and partial inspection. Part-time and full-time inspection and instruction are available on a fee basis upon arrangement. Technical data is available upon request.

Primer 120	26 ± 2%	D-1353
Primer 120-CA	48 ± 2%	D-1353
Weight Per Gallon (Mixed)	8.3 lbs.	D-1475
Viscosity @ 77 ^o F (Mixed)	150 cps	D-2393
VOC Content		
Primer 120	150 gm/l	Calculated
Primer 120-CA	50 gm/l	Calculated
Flash Point (Mixed)	Above 200 ^o F	D-1310-82
Mix Ratio	Prepackaged Kits	----
Pot Life (1 quart) @ 77 ^o F	2 hours	D-2471
Cure time @ 77 ^o F, 50% R.H.	2 to 3 hours	----
Firm to Touch	1- 2 hours	
Tack Free		
Coverage, Sq. Ft., Per Gal.	250 - 350	----
Cured Film Flexibility	Passes 1/8 inch	Mandrel Bend
Cured Film Impact	Passes 60 in. lbs	Reverse Impact

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TECHNICAL DATA

PROPERTY	TYPICAL VALUE	ASTM TEST METHOD
Solids Content (Mixed)		