



# 230

# ENERGY-ARMOR® BLEED-BLOCK ELASTOMERIC BASE COAT

## TECHNICAL DATA SHEET



MIAMI-DADE COUNTY  
APPROVED

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS:

Weight Per Gallon	11.61 lb.
Viscosity (ASTM D2697)	115 - 120 ku
Elongation (ASTM D562)	275%
Tensile Strength (ASTM D2370)	225%
Elongation, post weathering (%)	200%
Permeability (ASTM D1653)	< 10 perms
Adhesion to Polyurethane Foam	3.8 lbs./in.
Consistency	Brush, Roller, or Spray
Skin Time (50% Relative Humidity, 70 °F)	1 hours
Full Cure (50% Relative Humidity, 70 °F)	72 hours
Application Temperatures	55 °F and rising
Flammability	N/A (water based)
Spray Info	2000-3000 PSI .030-.041 Tip Size 1.0-3.0 GPM

\*Note: Percentage may vary + or - 5%

### Approx. Shipping Weights:

(Note: All approx. weights include container)

5 gallons (18.9L)	58 lb.
55 gallon drum (208.2L)	639 lb.
275 gallon tote (1,039.5L)	3,192 lb.

VOC: <50 g/L max. (regulatory)

### DESCRIPTION:

**APOC® 230 Energy-Armor® Bleed-Block Elastomeric Base Coat** is a premium grade, gray acrylic base primer designed to provide superior adhesion to existing built-up roof assemblies. This product is applied directly to existing built-up, Modified Bitumen (APP or SBS), smooth surfaced, or pre-coated membranes before application of white acrylic top coatings. Use of this product can help provide better adhesion and help prevent bleed through from underlying asphalt membranes.

### PREPARATION:

All surfaces must be completely clean, dry, have proper drainage and be free of surface rust, dust and any other foreign matter or debris. Rusty metal must be cleaned with a wire brush and primed a rust converting primer before application of this product. Repair all leaks and cracks BEFORE applying any coating. Make repairs with polyester reinforcing fabric and APOC 264 Elastomeric Roof Patch or use APOC Incredible Fleece-Top Tape as an alternate repair. Surfaces previously coated with aluminum, asphalt or tar should be allowed to cure for a minimum of one summer season prior to coating. Do not heat or thin. DO NOT APPLY WHEN RAIN OR HEAVY DEW IS EXPECTED WITHIN 24 HOURS OF APPLICATION COMPLETION.

### APPLICATION:

For exterior use only. Protective clothing, gloves, and eyewear should be used during application of this product. Always apply on a clear, warm sunny day. Apply in morning hours to allow maximum cure time. Application should be completed a minimum of 4 hours prior to sunset. Temperatures must be between 55°F (13°C) and 110°F (43°C) for 24 hours. Apply with a 3/4" nap exterior paint roller or professional airless sprayer. Apply a uniform coat over entire surface, avoiding excessive rolling. Dries for finish coat in 4 - 8 hours and fully cures in 24 to 36 hours at 70 °F and 50% relative humidity. Higher humidity, thicker films, poor air flow and lower temperatures will increase dry times. Once cured, apply APOC acrylic coating of choice on top of #230 base coat. Follow specific application instructions of the APOC product used. Not recommended for ponding water conditions where poor drainage exists. When coating over pre-coated roofs, ensure existing coatings are sound and securely attached. It is best to always complete a pull test on substrate prior to applying coatings to ensure adequate adhesion. For specifics regarding test and methods, contact APOC for procedure or visit [www.apoc.com](http://www.apoc.com).

NOTE: If roof becomes hot (over 100°F/38°C) during application, lightly mist roof surface with water spray to prevent coating from drying too fast. Remove any excess water and puddles prior to coating. If roof surfaces become soiled as they age, due to the elements, Elastocryl can be cleaned with a mild water and bleach solution. Excessive scrubbing should be avoided.

STORAGE: Do NOT store at temperatures above 110°F/38°C and do not allow packaged product to FREEZE. Do not heat or thin. Keep container sealed when not in use. Shelf life is up to 2 years from date of manufacturer for sealed and unopened containers.

### COVERAGE RATE:

Approximately 1 - 1.5 gallons per 100 sq. ft., per coat

### CLEAN-UP:

Warm water and soap



ROLLER

SPRAYER

Apply with a roller or sprayer.

Gardner-Gibson, Inc.

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### PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE  
CLOTHING



GLOVES

### STORAGE & HANDLING PRECAUTIONS:

Product safety information required for safe use is not included. Before handling, read product safety data sheets and container labels for safe use and for physical and health hazard information. Safety Data Sheets are available on the APOC website at [www.apoc.com](http://www.apoc.com). You can also obtain a copy from your local APOC Distributor or APOC sales representative. **Shelf life is two years from date of manufacturer.** Do not store at temperatures below 50 °F or above 110 °F.

For maximum shelf life store between 60 °F and 80 °F. Keep container sealed when not in use. Always keep covered and protected from the elements. When transporting this product, ensure that lid is tight and pail secured. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. The manufacturer also disclaims liability for flat surface application where poor drainage or ponding of water may prevail. Do not reuse empty container. Dispose of in an environmentally acceptable manner. Do not use in drinking water or food systems.

### WARRANTY & DISCLAIMER:

Register your warranty for extended warranty terms within 60 days of the completion of the project at [www.apoc.com/pages/warranty](http://www.apoc.com/pages/warranty). APOC Roofing Systems, LLC hereby warrants to the original purchaser, contingent upon original proof of purchase, that this product will be free from any defects that may materially and adversely affect the product's performance for a period of one year from the date of original purchase.