



#450

Multi-Purpose Elastomeric Roof Coating

DESCRIPTION

ANVIL #450 MULTI-PURPOSE ELASTOMERIC ROOF COATING is an acrylic latex elastomeric roof coating that is fortified with fibers to provide superior bridging of the coating over seams and small separations. **ANVIL #450 ELASTOMERIC ROOF COATING** exceeds the performance of similar coatings of this type for adhesion and longevity. It's brilliant white finish not only beautifies, but reflects the sun's rays lowering heat buildup and reducing air conditioning costs. The coating resists damage by hail and rain, and insulates against noise and the corrosive effects of their attack..

USES

ANVIL #450 MULTI-PURPOSE ELASTOMERIC ROOF COATING is designed for use on new or previously painted aluminum, galvanized roofs typically found on mobile homes, recreational vehicles, and other types of roofs to include built-up or plain plywood that have adequate pitch.

Do not use on polyurethane foam roofing. Do not use on flat roofs. Roof must have adequate pitch to allow water to run off,

SURFACE PREPARATION

All surfaces must be clean and free of dirt, grease, oil, and mildew. Before coating, surface must be dry and firm. Cut out all blisters and delaminated bulges from asphalt. Remove all moss, algae, and mildew with a suitable fungicide applied according to manufacturers instructions. Degrease galvanized, aluminum, and other metals with a cleaner/degreaser. Sandblast or wire brush to remove any scale or rust. Wash all other non-porous substrates with a mild detergent solution before continuing with surface conditioning.

SURFACE CONDITIONING

STEEL, SLATE, ALUMINUM, WOOD, GALVANIZED, AND OTHER NON-POROUS SURFACES: Apply one (1) coat of **ANVIL #1606 PRIMER**. Stir well; brush or roll into surfaces. Do not exceed recommended coverage rate. Do not apply when relative humidity is above 95% or temperature is below 50°F or above 95°F or when these conditions might occur within (1) one hour after application. Allow to dry two(2) to four (4) hours depending on weather conditions before continuing.

EXISTING COATING IN GOOD CONDITION - Wash and allow to dry before continuing.

TECHNICAL DATA

PRODUCT NUMBER: #450

GENERIC TYPE: Acrylic Latex

COLOR: White

GLOSS: Low Luster

SOLID CONTENT:

BY WEIGHT: 50.5%

BY VOLUME: 37.9%

% Pigment by Weight - 24.9

% Vehicle by Weight - 75.1

VISCOSITY: 108 KU

WEIGHT PER GALLON: 10.5 lbs

FLASH POINT: None

RECOMMENDED COVERAGE: One gallon covers approximately 100 sq. ft. of roof surface. Always apply in two thin coats versus one heavy coat.

DRYING TIME @ 70° F. & 50% REL. HUMIDITY

Touch - 1/2 to 1 hour

Recoat - 1 to 2 hours

Full Cure - 6 to 10 days

When cold or humid conditions exist, dry time will be longer. Do not apply when relative humidity is above 95% or temperature is below 50°F. or above 95°F. or when these conditions might occur within one (1) hour after application.

THINNER/CLEANUP: Water

TINTING: Not recommended

VOC: 145.1 grams/liter

AVAILABLE IN QTS, 1, 2, 5 GALLON

Revised 1-09 Supersedes all prior publications GRO

CHALKY PREVIOUSLY COATED SURFACES - Wash, allow to dry, and apply **Anvil #235 AquaSeal**. Allow to dry two (2) to four (4) hours before continuing.

SLIGHTLY RUSTY SURFACES - Wash, allow to dry, wire brush, and spot prime rust areas with **Anvil #1606 Primer**. Allow to dry two (2) to four(4) hours before continuing.

JOINTS, SEAMS, AND CRACKS:

Apply one (1) coat of **Anvil #1220 Seam Seal** to all properly conditioned horizontal or vertical seams (see surface preparation and conditioning). Seal around all flashing, openings, and pipe joints with **Anvil #1200 Acrylic Latex caulk**. Press **Anvil Polyester membrane** or **Anvil Fiberglass Mesh** firmly into fresh **Anvil #1220 Seam Seal** or other caulking compound. Follow ridge contour or depressions of the seam, do not bridge the area. Smooth over with brush or roller to insure complete wetting and to leave finish free of stretches of creases in the mesh or membrane. Allow to dry two (2) to four (4) hours allowing for weather conditions. Do not apply on overcast days or when possibility of rain exists within four (4) hours after application. Apply at temperatures between 50°F and 95°F. Apply a second coat of **Anvil#1220 Seam Seal** on top and allow to dry six (6) to eight (8) hours or until thoroughly dry before continuing.

APPLICATION

Do not apply during or just before rain or when humidity is above 95%. Do not apply if temperature is below 50° F. Brush, roll, or spray **Anvil #450 Multi-Purpose Elastomeric Roof Coating** over previously conditioned surface. Do not exceed the recommended coverage rate. Allow to dry thoroughly one (1) to two (2) hours before applying second coat of **Anvil #450 Multi-Purpose Elastomeric Roof coating** (see note: Dry time). In the case of gutters and other areas subject to standing water, the first coat should be allowed to dry for a minimum of four (4) hours. If application of 2nd coat is postponed for several days, the surface may need to be cleaned before applying coating.

Apply second coat of **Anvil #450 Multi-Purpose Elastomeric Roof Coating** to provide a smooth finish free of pinholes. If rainfall leads to standing water within (24) hours after application of the second coat it will be necessary to sweep clean and dry to minimize the possibility of blisters or adhesion failure between coats. If blisters do occur, they should be cut out and the affected area restored to a full two (2) coat application as described above. Best results are obtained on a roof deck with adequate slant for drainage. Avoid conditions where ponding water can result. In extreme hot, windy, or dry conditions thin up to a maximum of 5% with clean water or wet surface to be coated with a fine mist of clean water just before applying **Anvil #450 Multi-Purpose Elastomeric Roof**

Coating.

5 YEAR WARRANTY

Anvil #450 Multi-Purpose Elastomeric Roof Coating is warranted to be free from manufacturing defects for a period of five (5) years from date of purchase when applied according to instructions contained herein. Should the coating not perform as stated herein during the warranty period, Anvil will provide purchaser with replacement coating sufficient to repair the affected portion of the roof. Failures do to structural defects, acts of God, or causes beyond our control are not covered by this warranty.

LIMITATION OF LIABILITY

This product is manufactured to rigid control specifications. It is impossible to control the use and application. Therefore, Sellers and Manufacturer's only obligation shall be to replace product proven to be defective. Proof of purchase is required. Neither Seller of Manufacturer shall be liable for any injury, loss, or damage, direct or consequential arising from the use or the ability to use this product. Before using, user shall determine the suitability of the product for the intended use and user assumes all risks and liability.

WARNING! WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear an NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. WARNING! This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm. WARNING! IRRITANT! IRRITANT! HARMFUL IF SWALLOWED. IF TINTED, CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. MAY CAUSE EYE, NOSE AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate pre-filter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use. FIRST AID; if you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately. CAUTION: KEEP OUT OF REACH OF CHILDREN - DO NOT TAKE INTERNALLY.