MantaPrime™ 235

Multipurpose Primer

DESCRIPTION

MantaPrime™ Multipurpose Primer 235 is a versatile, water-based acrylic primer for roofing and wall applications. Its polymer emulsion formula offers excellent adhesion and saturation properties for priming aged TPO, EPDM, concrete and metal. It improves the bond between the substrate and the Manta silicone or acrylic top coat for a durable, long-lasting roof surface.

Features: Adhesion promotion • Suitable for both acrylic and silicone top coats • Rust inhibitor: prevents further rust oxidation on metal • Alkali protection for concrete and masonry • Resists blistering • Fast drying • Sprayed, rolled or brushed

APPROVED SUBSTRATES

- Aged TPO
- EPDM
- Metal
- Concrete

Top coat. Accepts MantaSil™ 430 silicone or MantaCryl™ acrylic coatings. Do not apply over silicone.

STORAGE AND SHELF LIFE

Store in a cool, dry place in well-sealed containers. Maximum storage temperature 100.4°F (38°C). Do not allow the product to freeze. Shelf life 18 months in unopened containers. Dispose of contents and containers per local, regional, national and international regulations.

PACKAGING SIZES

5 gal (18.9 L) • 55-gal drum (208.2 L) • 275-gal tote (1,041 L)

STANDARD COLORS

Light Gray

PHYSICAL PROPERTIES

VOC 15.91 g/L (calculated, less water and exempt compounds) • Solids by weight 50.95% • Solids by volume 51.34% • Density 8.34 lb/gal • Recoat 2–4 h at 70°F and 50% RH

APPLICATION INSTRUCTIONS

Preparation: The roof must be dry and clean, with no debris, dirt, oil, loose granules or peeling paint. Pressure washing is highly recommended (use a wide fan tip to avoid damaging the roof). Remove mildew and stains with MantaClean™ 101 (1 part MantaClean™ 101 to 4 parts water) and rinse thoroughly. Seal every leak and crack with MantaHybrid™ 318 Roof Patch, embedded with polyester reinforcing fabric. Allow repairs to cure 24–36 hours before priming.

Mixing: Lightly hand mix before use. Do not dilute.

Application: Use about 1 gallon for each 100 sq ft; porous surfaces take more. A 3/4" nap exterior roller, a brush or a professional airless sprayer (2,000–3,000 psi, tip .030–.041, material flow 1–3 GPM) all work. Prime seams and joints first and let them dry for one hour.

Recoat and cure: Allow 2–4 hours before recoating, and at least 4 hours before applying MantaSil™ 430. As a base coat the product fully cures in 24 hours at 70°F and 50% maximum relative humidity; apply the top coat once it is cured. Drying times vary with humidity, film thickness, airflow and temperature.

LIMITATIONS AND PRECAUTIONS

The surface must be dry, clean and sound, with no dust, oil, mildew, heavy chalking or blisters. Do not apply over silicone. Apply only on a clear, warm, sunny day, in the morning, at least 4 hours before sunset; ideal application temperature above 55°F and rising, not exceeding 110°F ambient. Previously coated surfaces with aluminum, asphalt or tar require a minimum of one summer season cure. Once cured, the primer has a slightly tacky finish. For professional use only.

SAFETY AND HANDLING

DANGER. May cause an allergic skin reaction • May cause cancer • Suspected of damaging fertility or the unborn child • Follow the product label and the Safety Data Sheet (mantaroof.com).

Clean up: Wet material: soap and warm water. Dry material: mineral spirits.

Data are typical values, not specifications, and may change without notice. The user is responsible for determining suitability. Check mantaroof.com for the current version. Technical service: +1 844 506 2682.