



Technical Data Sheet

Paint & Prime™

Stock Code

PP25 Series

Packaging Information

- 1 Gallon Pail
- 5 Gallon Pail

Characteristics

Paint & Prime™ is an interior and exterior high hiding acrylic blend coating, paint, primer, and water-proofer all in one.

VOLUME SOLIDS	37% ± 2%
WEIGHT SOLIDS	51% ± 2%
WEIGHT PER GALLON	ASTM D1475 10.77 lbs./gal
ADHESION TO VARIOUS SUBSTRATES	Drywall, Wood, Plywood, Concrete & Metal
COLOR	White
DRY TIME	24 hours between coats
CURE TIME	7-10 days full cure
COVERAGE	1 gallon per 350-400 sq. ft. per coat (2 coats recommended)
DRY FILM THICKNESS (@ 1 GAL/350 SQ. FEET)	4 mils wet per coat 1.5 mils dry per coat
FINISH	Satin
FLASH POINT	> 200° F
HUMIDITY	Best Applied at 50% humidity or below
PH AS SHIPPED	ASTM E70 9.0 – 10.0
SHELF LIFE	24 Months Unopened
V.O.C CONTENT	< 110 g/l
VEHICLE TYPE	Acrylic/Styrene Acrylic Blend
VISCOSITY	ASTM D2196 Brookfield Spindle #6 100rpm 4000-5000 cps

Compliance

SCAQMD	Yes
OTC & OTC PHASE II	Yes

Surface Preparation

All surfaces must be sound and free of spalled areas, loose nails, screws, sharp protrusions, or other matter that will hinder the adhesion of regularity of the coating installation. The surface should also be free from frost, dirt, grease, oil, or other contaminants. Clean loose dust and dirt from the surface by brushing or wiping with a clean, dry cloth brush or broom.

Concrete, Stucco, Plaster & Aged EIFS

Should be cured in place 28 days minimum. All surfaces need to be smooth, with sharp protrusions such as cold joints ground flush. Honeycomb and holes/cracks exceeding 1/8" and up to 5/8" across shall be filled with Blue Max® Trowel Grade or Blue Max® Caulk.

Concrete Masonry Unit (CMU)

Mortar joints shall be struck flush and shall be free of voids exceeding 1/8" across. Mortar droppings shall be removed from brick ties and all other surfaces accepting Paint & Prime™. Allow mortar joints to dry a minimum of 28 prior to application of the Paint & Prime™.

Drywall

Surface irregularities must be patched or filled with spackle and sanded smooth. Wall repair compounds/joint compounds must be fully cured and smooth. Remove all surface contaminants and sanding dust before applying coating.

OSB, Plywood, Lumber & Pressure-Treated Wood

Wood and wood sheathing must be flush at joints with gaps between boards according to building codes and manufacturers requirements. Moisture content, measured with a wood moisture meter in the core of the substrate, requirement is below 20%. Do not cover any wooden materials with Paint & Prime™ if moisture content is 20% or above.

Application Methods

Apply between 50° - 90° F on a warm dry surface. Surface temperature must be 5° F higher than the dew point and rising

- **Brush:** Nylon/polyester
- **Roller:** 3/8" - 1/2" nap nylon/polyester
- **Sprayer:** Airless – Small to Mid-Sized Projects - 0.6 gallons per minute @ 2500- 3000 psi. 412 - 521 tip. Hose 1/4". Larger Projects 1.0 – 2.0 gallons per minute @ 2500-3000 psi 417 – 625 tip. Hose 3/4 "to 3/8"

Application Instructions

- Conduct a test patch to ensure proper adhesion
- Do not apply Paint & Prime™ if the temperature is expected to drop below 50° F within 24 hours of application
- Do not apply over wet substrates
- Do not apply in high heat areas of 180° F
- Airless equipment should be cleaned after use without delay.

Disclaimer

The information and specifications set forth in this Technical Data Sheet are based on tests conducted by or on behalf of Ames Research Laboratories, Inc. All information is subject to change and pertains to the product available at time of publication. Please contact Ames Research Laboratories to receive the most recent Technical Data Sheet.

Clean-up, Storage & Disposal

- Clean up application equipment, tools, spills, hands immediately after use with water
- Store unused product in the original container tightly sealed
- Dispose of this product in accordance with local, state, or federal requirements
- Protect from freezing

Cautions

- Do not take internally
- Keep out of reach of children
- Avoid contact with skin and eyes
- Use hand and eye protection when using this product
- Wash with soap and water after contact with skin
- If eye-contact occurs rinse with clean water and seek medical advice if symptoms continue

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