



Technical Data Sheet

Reflective Safety Paint™

Red

Stock Code

RPRD Series

Packaging Information

- 1 Gallon Pail (2 pints of reflective glass beads included)
- 5 Gallon Pail (1 gallon of reflective glass beads included)

Characteristics

Reflective Safety Paint™ is an interior/exterior multi-surface acrylic emulsion coating with reflective glass beads. Use for safety applications such as curbs, fire hydrants, aisle markings, bollards and more.

VOLUME SOLIDS	50% ± 2%
WEIGHT SOLIDS	61% ± 2%
WEIGHT PER GALLON	ASTM D1475 11.39 lbs/gal
COLOR	Red
COVERAGE	Apply @ 6-12 Mils wet (2 coats recommended)
DRY FILM THICKNESS	Approx. 4 Mils (pure coating, no beads)
DRY TIME	6-8 hours dry to the touch
CURE TIME	7-10 days
FINISH	Textured
FLASH POINT	> 200° F
HUMIDITY	Best applied at 50% humidity or below
PH AS SHIPPED	ASTM E70 9.0 – 10.0
SPECIFIC GRAVITY	1.367
SHELF LIFE	24 Months Unopened
V.O.C CONTENT	< 100 g/l
VEHICLE TYPE	Acrylic Emulsion
VISCOSITY	ASTM D2196 Brookfield Spindle #6 @50rpm 1500-1600 cps

Compliance

SCAQMD	Yes
OTC & OTC PHASE II	Yes
CARB & CARB SCM 2007	Yes

Surface Preparation

- Surface must be pressured washed to remove all contaminants, chalk, loose paint, rust, debris, and other foreign matter that can impede adhesion
- Surface must be totally dry before coating

Concrete

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.

OSB, Plywood, Lumber, Pressure-Treated Wood

Wood and wood sheathing need to 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 Reflective Safety Paint™ 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

Application Instructions

Review product Application Guide before proceeding. Conduct a test patch to ensure proper adhesion.

- Do not apply if rain is likely with 24 hours or if the air or surface temperature will drop below 50° F
- Do not apply over wet substrates
- Do not apply in high heat areas of 180° F

Apply two coats by brush or roller. Coverage will be approximately 140-200 linear ft./gallon dependent on application width. Use 3/8" roller cover for smooth surfaces. Broadcast reflective beads over wet painted surface. For rougher textured surfaces use a 1/2" to 1 1/4" roller cover. Back roll or brush the wet material into surface cracks of to ensure a uniform appearance.

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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