

**Devoe®
Paint**

SURMAX™

Interior/Exterior High Solids

Alkyd Primer

DP27915 Red/DP27917 White

DESCRIPTION

A high solids, rust-inhibitive, interior-exterior alkyd primer for use on ferrous and non-ferrous metal including galvanized metal and aluminum. May be topcoated on ferrous metal with epoxy, urethane and coatings as well as conventional alkyd and latex products. Excellent as a barrier

coat when applied over sound aged alkyd finishes which are to be topcoated with heavy-duty coatings. This product has exceptional resistance to exterior weathering, making it suitable for use as a shop primer. Ideal for structural steel, tanks, piping and equipment.

FEATURES

- Fast dry
- May be used on both ferrous and galvanized metal
- High volume solids
- Excellent corrosion resistance
- May be topcoated with heavy-duty coatings

COMPOSITION

- Alkyd Resin
- Titanium Dioxide (White)
- Red Iron Oxide (Red)
- Extender Pigments (Varies)

SPECIFICATION DATA

Color: Red and White

Finish: Flat

Weight/Gallon (White): 12.0 lbs./gal. (1.43 kg/L) – varies with color

VOC (White): 3.37 lbs./gal. (404 g/L) – varies with color

Solids By Volume (White): 52% + 1%

Theoretical Coverage at 1.0 mil Dry: 834 sq. ft./gal. (20 m²/L). Actual coverage may vary depending on substrate and application method.

Recommended Film Thickness: 3.8-4.8 mils wet (2.0-2.4 mils dry) on smooth, sealed surfaces.

Service Temperature Limit: 200°F (93°C) in air

Flash Point: 108°F (42°C)

Dry Time @ 77°F (25°C) & 50% RH:

To touch – 20 minutes

To handle – 30 minutes

To recoat – 2 hours (allow 24 hours, if topcoating with heavy-duty or waterborne coatings)

Clean-up Solvent: Xylene

Shelf Life: 1 year minimum – unopened

PERFORMANCE DATA

PROPERTY

Adhesion

Abrasion

Condensing Humidity Resistance

Salt Spray (FOG) Resistance

TEST METHOD

ASTM D 4541, Elcometer

ASTM D 4060, Tabor, CS-17 wheels, 1000g load, 1000 cycles

ASTM D 4585, 15,000 hours

ASTM B 117, 500 hours

RESULTS

>1000 psi

250mg loss

No effect

1/16" rust creepage at scribe

S U R F A C E P R E P A R A T I O N

All surfaces must be sound, dry, clean and free of oil, grease, dirt, mildew, form release agents, curing compounds, efflorescence, loose and flaking paint and other foreign substances.

NEW SURFACES: Steel - Best results are obtained over a surface sandblasted to a Commercial Blast (SSPC-SP6). Performance over hand or power-tool cleaned surfaces is dependent on the degree of cleaning. Prime with this product.
Galvanized Metal and Aluminum - Prime with this product. Not recommended on metal where pooling water is likely, such as roofs, etc. Avoid strong solvent topcoats such as epoxies and urethanes when used over galvanized metal.

PREVIOUSLY PAINTED SURFACES: Wash to remove contaminants. Rinse thoroughly with water and allow to dry. Dull glossy areas by light sanding. Remove sanding dust. Remove loose paint. Scrub heavy chalk areas and overhead areas such as eaves with soap and water. Remove all mildew by washing

with a solution of 16 oz. (473 mL) liquid household bleach and two oz. (59 mL) non-ammoniated liquid detergent per gallon (3.785 L) of water. Rinse surfaces clean with water and allow to dry for 24 hours. All areas failed by rusting, peeling, blistering, etc., shall be wire brushed and scraped to remove all loose or loosely adhering material. Prime bare areas with primer specified under **NEW SURFACES**. For optimum performance in more corrosive areas, entire surface should be abrasive blast cleaned and primed with this product.

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.

D I R E C T I O N S

TINTING: Do not tint.

SPREADING RATE: Recommended coverage 334-417 sq. ft./gal. (8-10 m²/L) or 3.8-4.8 mils wet (2.0-2.4 mils dry) on smooth, sealed surfaces. Actual coverage may vary depending on substrate and application method. Do not exceed maximum dry film thickness or solvent entrapment may occur.

APPLICATION: Mix thoroughly before use. May be applied by brush, roll or spray. Do not thin. For airless spray, use a .017" tip. Adjust pressure as needed.

Do not apply when the surface or air temperature is below 45°F (7°C).

DRYING TIME: At 70°F (21°C) and 50% R.H., dries to touch in 20 minutes, to handle in 30 minutes, to recoat in two hours and thorough dry in eight hours. If topcoating with heavy duty or waterborne coatings, allow to dry 24 hours. Low temperature, high humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with xylene.

P R E C A U T I O N S

WARNING! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD – CAN ENTER LUNGS AND CAUSE DAMAGE. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. OVEREXPOSURE MAY CAUSE BLOOD, LIVER, KIDNEY DAMAGE. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

NOTICE: This product contains solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

For emergency information call (800)545-2643. For additional safety and chronic hazard information, refer to the Material Safety Data Sheet for this product. See label analysis for list of hazardous ingredients.

Keep away from heat, sparks and flame. Do not smoke. Vapors may ignite. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Vapors may spread long distances.

When spray applying in confined or enclosed areas, use portable explosion-proof lighting and ventilating equipment connected to exterior self-contained power source. Non explosion-proof equipment must be placed well away from areas where vapors may collect. Use non-ferrous tools and wear conductive and non-sparking shoes in areas where explosion hazards exist.

Keep closures tight and upright to prevent leakage. Keep container closed when not in use. Store below 100°F. Do not incinerate closed containers as they may explode when exposed to extreme heat or fire. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

Avoid contact with eyes and skin. Impervious clothing, footwear and equipment including gloves and splash-proof goggles should be worn, especially when spray applying. Do not take internally.

Avoid breathing of vapor, spray mist or sanding dust. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use.

FIRST AID: In case of skin contact, wash off quickly with plenty of water, then soap and water; remove contaminated clothing. For eye contact, flush immediately with large amounts of water, especially under lids, for at least 15 minutes. Obtain emergency medical treatment. If swallowed, obtain medical treatment immediately. If inhalation causes physical discomfort, remove to fresh air. Restore and support continued breathing. Have trained person give oxygen if necessary. If discomfort persists or any breathing difficult occurs, get medical help.



ADSTOCK #78725

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