



WONDER-SHIELD® Exterior Flat DR15XXN

FINISHES
PAINTING (09900)
9

DESCRIPTION

Our best quality flat acrylic latex paint for use on properly prepared wood siding, trim and sash, shakes, shingles, masonry, weathered aluminum, vinyl siding, metal and sound painted surfaces.

SPECIFICATION DATA

Color:
White, ready mix & custom colors

Finish:
Flat

Clean-up Solvent:
Soap & water

Density:
11.34 lbs/gal (1.36 kg/L)

VOC:
0.42 lbs/gal (50 g/L) maximum

Solids:
Volume - 34% +/- 1%
Weight - 52% +/- 1%

Practical Coverage:
Apply at 300-400 sq ft/gal (7-10 m²/L).
Actual coverage may vary depending on substrate and application method.

Flash Point:
None

Dry Time:
77°F (25°C) & 50% RH
To touch – 30-60 minutes
To recoat – 4 hours
35°F (2°C)
To touch - 3-6 hours
To recoat - 24 hours

Shelf Life:
1 year minimum - unopened

FEATURES

- Our Best Quality Product
- Durable, Flat Finish
- Excellent Color Retention
- Gives A Mildew Resistant Coating
- Low Temperature Application (35°F)

COMPOSITION

- 100% Acrylic Resin
- Titanium Dioxide and Extender Pigments
- Not manufactured with lead or mercury containing materials.



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SURFACE PREPARATION

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

NEW SURFACES: Wood – Counter sink nails, spot prime with latex primer DR1502. Spot prime pine knots with latex primer DR1502. Prime entire surface with latex primer DR1502. Prime bleeding wood such as redwood or cedar with alkyd primer DR1102. Caulk with latex-type caulk. **Preprimed and Unprimed**

Hardboard - Prime entire surface and all edges with acrylic primer DR1502 or alkyd primer DR1102. Caulk with latex-type caulk.

Concrete and Masonry - Cure at least 30 days before painting. pH must be 10.0 or lower. Roughen slick poured or precast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Prime concrete with this product, latex primer DR1502 or masonry bonding primer DRH6502. Fill concrete block with latex block filler DV52903. **Steel** - Prime with waterborne metal primer DP85XX or solventborne metal primer DP13101. **Galvanized Metal and Aluminum** - Prime with waterborne metal primer DP85XX or solventborne metal primer DP13201.

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. Prime bare areas with primer specified under **NEW SURFACES. Weathered Aluminum and Vinyl Siding** - Remove dirt and chalk. Prime with this product. If chalk remains after cleaning, prime with latex primer DR1502. Do not repaint vinyl siding with colors darker than the original color; the siding may warp.

NOTE: Blistering and peeling of exterior house paints down to bare wood is usually caused by moisture behind the paint film. Moisture pressure forces the paint away from the surface. Sources of excess moisture in the wood must be eliminated prior to repainting to obtain normal service life of these paints. Old, unsound multiple coat paint systems may be subject to peeling when repainted due to the added weight and stress created by the paint layers. In such cases, all old paint layers must be removed back to the bare wood before repainting.

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.

DIRECTIONS FOR USE

TINTING: Tint the appropriate base with ICI Paints Colorants.

SPREADING RATE: Apply at 300-400 sq ft/gal (7-10 m²/L). Actual coverage may vary depending on substrate and application method. For best hiding, tint primers towards finish coat color. Certain shades of yellow, orange, pink and red may require multiple coats.

APPLICATION: Mix thoroughly before use. May be applied by brush, roller or spray. No thinning required. For airless spray application, use a .015-.017" tip. Adjust pressure as needed. Establish that air, surface and material temperatures are above 35°F

(2°C) and at least 5°F above the dew point prior to painting. Do not apply if rain, snow or lower temperatures are expected within 48 hours. On large expanses of metal, temperatures must be 50°F (10°C) or higher. Check temperature requirements on any accompanying primer used.

DRYING TIME: At 77°F (25°C) and 50% R.H., dries to touch in 30-60 minutes and to recoat in four hours. At 35°F (2°C), dries to touch in three to six hours and to recoat in 24 hours. High humidity, thick films or poor ventilation will increase these times.

CLEAN-UP: Clean immediately with warm, soapy water.

PRECAUTIONS

WARNING! HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE,SKIN AND RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL WHICH CAN CAUSE SEVERE KIDNEY DAMAGE WHEN INGESTED AND HAS BEEN SHOWN TO CAUSE BIRTH DEFECTS IN LABORATORY ANIMALS. CONTAINS CRYSTALLINE SILICA WHICH CAN CAUSE LUNG CANCER AND OTHER LUNG DAMAGE IF INHALED. OVEREXPOSURE MAY CAUSE BLOOD, LIVER, KIDNEY DAMAGE. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN. NOTICE: Products in this series contain 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. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific MSDS and label information.** If sanding, wear a dust mask to avoid breathing of sanding dust. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. Avoid contact with eyes and skin. If you experience eye watering, headaches, or dizziness, leave the area. If properly used, a respirator may offer additional protection. Obtain professional advice before using. Close container after each use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush immediately with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, get medical attention. **KEEP FROM FREEZING.**

DS386-0606

SHIPPING

FREIGHT CLASSIFICATION:
Paint, Freezable

PACKAGING:
4 quart (0.9168 L) 5 gallons (18.925 L)
1 gallon (3.785 L)

FLASH POINT:
None



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