

## DR 1501 Wonder-Shield™ Acrylic Façade Flat Paint

For Exterior use



### DESCRIPTION

Premium quality 100% Acrylic Flat paint with exceptional weather resistance. Dries to a breathable coating that resists blistering, alkali and fumes. It is applied to new or old surfaces such as plaster, concrete, bricks and wood properly prepared. It is characterized for its resistant to color fading, easy application (with a special composition so that it does not splatter), perfect spreading and great coverage. Ideal for building surfaces near the sea. DR 1501 Wonder-Shield™ is a certified cool paint, featuring high solar reflectance value (SR) high infrared emittance (ε) and high reflectance index value (SRI).

### PERFORMANCE GUIDE

|                                 |   |
|---------------------------------|---|
| <b>Weather Resistance</b>       | Superior resistance to weather, to chalking, color change and dirt pick-up.         |
| <b>Environmental Resistance</b> | Provides good resistance to concrete carbonation.                                   |
| <b>Heat Resistance</b>          | Softens above 60°C.   |
| <b>Water Resistance</b>         | Resists rain and condensation.  |
| <b>Abrasion Resistance</b>      | Good resistance to abrasion.  |
| <b>Solvent Resistance</b>       | Good resistance to white spirits. Sensitive to aromatic hydro carbons and alcohols. |

#### COOL PAINT EVALUATION

##### Solar Reflectance (SR):

0,870 (ASTM E 903)

##### Infrared Emittance (ε):

0,867 (ASTM E 408)

Above measurements are verified by the Centre of Renewable Energy Sources and Saving (C.R.E.S.) Certifying that DR 1501 Wonder-Shield™ Acrylic Façade Flat Paint is in category Cool Paint



**Solar Reflectance Index (SRI):**  
108 (ASTM E 1980)



**VOC (Volatile Organic Compounds):** EU Limit value for this product category A/c type WB: Exterior walls of mineral substrate, 40g/l (2010). This product contains max 39g/l VOC

### PERFORMANCE FEATURES

- Certified cool paint.
- Alkali resistant coating
- Flat finish with superior durability.
- Breathable, blister-resistant coating.
- Easy application and clean up, quick recoat.
- Fade-resistant colors.



#### Colors:

White and over 2,200 tinted colors are available from PPG VOICE OF COLOUR™ fandeck .

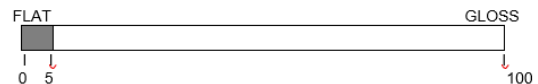


#### Toxicity:

Formulated without lead or mercury.



**Gloss Level:** 0-5 at 60o viewing angle.



#### Spreading Rate

10-11 m<sup>2</sup>/L

*Actual coverage may vary depending on substrate and application method*

#### Volume Solids

46%+/- 1%

#### Wet Film Thickness

100 micrometres

#### Dry Film Thickness

46 micrometres

#### Dry Time at 20°C

1 hour to touch

2-4 hours to recoat

#### Resin:

Acrylic Resin

#### Thinning

5% water

#### For Application By

Brush, Roller, Spray

### DIRECTION FOR USE

## SURFACE PREPARATION

Surface to be painted must be free of all loose material such as flaking and peeling paint, dust, concrete salts and heavy chalk. The surface must be clean with all traces of grease, oil, and dirt removed. Remove loose material by scraping and sanding. Sand glossy surfaces to a dull finish. Dry sanding, flame cutting and /or welding of the dry paint film will give rise to dust fumes. Wet sanding/flattening should be used wherever possible. • Ensure good ventilation during application and drying. Use suitable respiratory protective equipment. Apply two coats of DR 1501 WONDER-SHIELD, Acrylic Façade Flat Paint, after priming as outlined below.

**New Concrete and Plaster:** Prime with DRP 512 Waterproofing Sealer Solventborne Primer or DRP 514 Eco Micronized Stabilizing Waterborne Primer or DRP 508 Alkali Resistant Waterborne Acrylic Primer thinned according to label directions.

**Unpainted and Weathered Concrete, Brick:** Prime with one coat of DRP 512 Waterproofing Sealer Solventborne Primer, or DRP 514 Eco Micronized Stabilizing Waterborne Primer thinned according to label directions.

**Previously Painted Surfaces:** Prime with DRP 512 Waterproofing Sealer Solventborne Primer or DRP 508 Alkali Resistant Waterborne Acrylic Primer

**New Wood:** Prime with DRP 510 Multi Purpose Solventborne Primer or DRP 516 Eco All Purpose Waterborne Acrylic Primer.

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## APPLICATION

Stir paint thoroughly before use. Apply by roller, brush, or airless spray. Thin 5% with clean water. Do not apply at temperatures below 10°C. Drying times are longer under cool/moist conditions.

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## CLEAN UP

Clean equipment in warm, soapy water.

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## PRECAUTIONS HEALTH, SAFETY AND ENVIRONMENTAL PROTECTION

• If medical advice is needed, have product container or label at hand • Keep out of reach of children • Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. • Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. • Do not get in eyes, on skin, or on clothing • Avoid release to the environment • Dispose of contents and container to appropriate waste site or recycled in accordance with local and national regulation • Keep container tightly closed. • Call a POISON CENTER, doctor if you feel unwell. • Safety data sheet available on request.

TEL. POISON CENTER GR: 210 7793777

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### Packaging and Storage

**Sizes:** 1 litre, 3 litres, 10 litres

**Flash Point:** none

**Storage:** not hazardous, no special requirements

**For Advising – Technical Services call: 2106620713-5**

