



**PRODUCT DESCRIPTION** Duralex Ultrashield is a high-quality modified acrylic based exterior emulsion designed to withstand severe weather conditions. Meticulously formulated for protection and decoration of exterior masonry surfaces.

**INTENDED USES** Duralex Ultrashield is recommended for all types of exterior masonry surfaces such as brickwork, plaster, cement rendering and Premium boards.

- FEATURES**
- Resistant to the levels of atmospheric humidity present in normal Exterior environment
  - Good washability
  - Excellent color retention and coverage
  - Low VOCs

|                            |                                    |                                                                                                                     |
|----------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT INFORMATION</b> | <b>Appearance</b>                  | Matt Finish                                                                                                         |
|                            | <b>Color</b>                       | Refer to shade card                                                                                                 |
|                            | <b>Binder Type</b>                 | Modified Acrylic copolymer                                                                                          |
|                            | <b>Pigment Type</b>                | Light Fast Non-Lead Pigments                                                                                        |
|                            | <b>Application</b>                 | Brush, Roller and Spray                                                                                             |
|                            | <b>Flash Point</b>                 | Not Applicable                                                                                                      |
|                            | <b>Cleaning</b>                    | Use clean water for all equipment immediately after use                                                             |
|                            | <b>Thinning</b>                    | 30 –35 %                                                                                                            |
|                            | <b>Coverage</b>                    | 12 - 13 m <sup>2</sup> / Liter / coat                                                                               |
|                            |                                    | Actual Spreading rate depends on film thickness applied, surface porosity, imperfections, temperature, wastage etc. |
|                            | <b>Specific Gravity</b>            | 1.50 ± 0.02                                                                                                         |
|                            | <b>Volume Solids (Theoretical)</b> | 40 ± 2% for Brilliant White (other colors will vary)                                                                |
|                            | <b>No. of Coats</b>                | 3-4                                                                                                                 |
|                            | <b>Film Thickness</b>              | Wet: 80-90 µm / lit/coat<br>Dry: 30-35 µm / lit/coat                                                                |
|                            | <b>Packing</b>                     | 1, 4 and 16 Liters                                                                                                  |

| Drying Information | 5°C    | 15°C  | 25°C  | 35°C    |
|--------------------|--------|-------|-------|---------|
| Touch Dry          | 6 hrs  | 2 hrs | 1 hrs | 0.5 hrs |
| Hard Dry           | 12 hrs | 6 hrs | 3 hrs | 1.5 hrs |
| Recoat             | 12 hrs | 6 hrs | 3 hrs | 1.5 hrs |

Drying and recoat times are temperature, humidity and film thickness dependent.

#### SURFACE PREPARATION AND APPLICATION

Appropriate and good surface preparation significantly increases the top coat life and durability. Efflorescence or mold must be treated before application of paint. Treat any area affected by mold, lichens, algae or moss with bleach. Deploy skilled/experienced individuals for the application of paint. A few general instructions are given below.

**New or Bare Surfaces:** New concrete, mortar or cement render must be allowed to cure for 8-12 weeks depending on concrete thickness and drying condition. Surface to be painted must be dry clean and free from all contamination and efflorescent salts. Remove dirt, grease and waxy material by rubbing down using a suitable abrasive paper. Apply one coat of Duralex Exterior Primer and two coats of Duralex Exterior Putty. Third coat of Duralex Exterior Putty can be applied for extra smoothness. Allow the surface to dry out completely, scuff with a suitable abrasive paper, and dust off. For best results, it is recommended to apply one coat of Duralex Exterior Primer over Duralex Exterior Putty before the application of Duralex Ultrashield.

**Previously Painted Sound Surfaces:** Scrap off all the loosely adherent and defective paint from the surface with an appropriate abrasive paper or stiff brush and dust off. Spot prime with Duralex Exterior Primer and fill surface imperfections with Duralex Exterior Putty. Allow the surface to dry out completely. Scuff with a suitable abrasive paper and dust off.

**Powdery, Cracked and Defective Surfaces:** Make good minor defects. Fill large holes and cracks using sand and cement mixture. Remove dirt, grease, poorly adhering and defective material from the surface by rubbing down using a stiff brush or suitable abrasive paper. Allow the surface to dry out completely and treat the surface as described above for new or bare surfaces.

**Finishing:** After surface preparation apply 3-4 coats of Duralex Ultrashield. Ensure 1-2 hours of drying between successive coats. Thinning ratio must be followed for application procedure.

**Stir thoroughly before use.**

## RECOMMENDED PAINT SYSTEM

| Surface Type                            | Primer                  | Putty                  | Primer                  | Finish Coat         |
|-----------------------------------------|-------------------------|------------------------|-------------------------|---------------------|
|                                         | Duralex Exterior Primer | Duralex Exterior Putty | Duralex Exterior Primer | Duralex Ultrashield |
| New or Bare Surfaces                    | 01 coat                 | 2-3 coats              | 01 coat                 | 3-4 coats           |
| Previously Painted Sound Surfaces       | Not Required            | Not Required           | Not Required            |                     |
| Powdery, Cracked and Defective Surfaces | 01 coat                 | 2-3 coats              | 01 coat                 |                     |

Consult Duralex Paints representative for the system best suited for the surfaces to be painted

## HEALTH & SAFETY

- Must use goggles, gloves at the time of application.
- A suitable dust mask must be worn when rubbing down.
- Keep doors and windows fully open to ensure proper ventilation when applying paint.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of contact with skin, remove splashes from skin using soap and water.
- Don't breathe spray mist or dust.
- Swallowing can result in nausea vomiting and irritation of gastrointestinal tract.
- This container is only for paint use. Don't use it for edible storage.
- In the event of an accident, collect spillage using sand or earth.
- Do not empty into drains or watercourses.
- Toxic to aquatic environment.
- Toxic by inhalation. If inhalation causes physical discomfort, move to fresh air. If discomfort persists or any breathing difficulty occurs, seek medical advice and show container label.
- Keep out of the reach of children.
- Protect from extremes of temperature. Store in a cool and dry place.
- Safety data sheet available for professional users on request.

**WARNING:** Scrapping/sanding off previously painted surfaces may release hazardous dust or fumes which is highly toxic; take protective measures thoroughly when rubbing off the old surfaces.

### NOTE

The information in this data sheet is not intended to be exhaustive; any person using the product for any purpose other than that specifically recommended in this data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at their own risk. All advice given or statements made about the product (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability at all for the performance of the product or for (subject to the maximum extent permitted by law) any loss or damage arising out of the use of the product. We hereby disclaim any warranties or representations, express or implied, by operation of law or otherwise, including, without limitation, any implied warranty of merchantability or fitness for a particular purpose. All products supplied and technical advice given is subject to our Conditions of Sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is liable to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to check with their local representative that this data sheet is current prior to using the product.

*The information provided in this data sheet is accurate and authentic to the best of our knowledge and based on standard tests. However, results may vary due to possible variations in field conditions and application procedures.*

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