

# TECHNICAL DATA SHEET

## ULTIMA PLUS

### EXTERIOR FLAT EMULSION



#### DESCRIPTION



**Ultima Plus Exterior Flat Emulsion** is a premium quality, 100% acrylic, water-based, exterior wall paint, that is ideal for decorative applications when a durable flat finish is required. This product has been specially formulated to allow it to bond to many surfaces without priming first.



Incorporating innovative trademarked technologies including COLOURLAST™, COVERFAST™, SELFPRIME™, EASYBREATHE™ and MILDEWGUARD™, it provides exceptional weathering and mildew resistance, is easy to apply and its quick curing results in a long lasting, uniform finish. Ultima Plus Exterior Flat Emulsion provides excellent hiding with good touch up properties and gives an outstanding performance when applied to suitably prepared masonry, wooden and metal surfaces.

#### COLOUR RANGE

Bright White and bases which can be tinted to (almost) any colour.

#### FEATURES

- Low odour and low Volatile Organic Content (VOC)
- Green Wise certified
- Excellent weathering resistance
- Fungus & mildew resistance
- Ideal for coastal areas
- Non-yellowing
- Fade & chalk resistance
- Excellent coverage
- Easily washable
- Quick drying and recoat
- Durable flat finish
- Self-Priming

#### SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**  
200 microns (8 mils)
- **RECOMMENDED MAXIMUM SPREAD RATE PER COAT:**  
10m<sup>2</sup> per litre (350 sq. ft/ US gal)



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#### DIRECTIONS FOR USE

**Ulttima Plus Exterior Flat Emulsion** may be applied by brush, roller or airless spray. Mix thoroughly before use. Paint is supplied ready for use. Thinning is not necessary except when used as a primer or as a first coat on porous surfaces. The paint may be then thinned with up to 473mls (1 pint) of clean water per 3.8 litres (1 US Gallon). Generally, 1 or 2 coats of Ulttima Plus Exterior Flat Emulsion will give a satisfactory finish. Some bright colours may require additional coats. In these cases, for best hiding the primer should be suitably tinted.

#### RECOMMENDED PAINT SYSTEMS

<b><i>For Concrete Surfaces</i></b>	<b><i>For Wooden Surfaces</i></b>	<b><i>For Galvanized Metal and Aluminum</i></b>	<b><i>For Ferrous Metal</i></b>
<ul style="list-style-type: none"> <li>• Either 1 coat- Harris/BH Ulttima Concrete &amp; Drywall Primer or Super Grip Premium Problem-Solving Primer</li> <li>• 2 coats – Ulttima Plus Exterior Flat Emulsion</li> <li>• OR 3 coats – Ulttima Plus Exterior Flat Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• 1 coat- Harris/BH Ulttima Wood Primer or Super Grip Premium Problem-Solving Primer</li> <li>• 2 coats – Ulttima Plus Exterior Flat Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• 1 coat - Harris/BH Rust Chem Metal Primers or Super Grip Premium Problem-Solving Primer</li> <li>• 2 coats Ulttima Plus Exterior Flat Emulsion</li> </ul>	<ul style="list-style-type: none"> <li>• 1 coat – Harris/BH Rust Chem Red Oxide Primer or Anchorlite Heavy Duty Primer or Universal Primer</li> <li>• 2 coats – Ulttima Plus Exterior Flat Emulsion</li> </ul>

#### GENERAL SURFACE PREPARATION

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

#### NEW SURFACES

**Concrete and Masonry:** Allow curing for at least 30 days before painting. Remove any loose aggregate from the surface and roughen the surface of slick, smooth concrete by acid etching. Ensure to carefully follow the manufacturer's application and safety instructions. Rinse thoroughly with water and allow to dry. Prime with this product or with Harris/BH Super Seal Premium Bonding Primer/Sealer or Super Grip Premium Problem-

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Solving Primer or Concrete & Drywall Primer.

**Wood:** Spot prime knots with a knotting sealer. Sand the surface smooth and wipe clean. Prime surface with Harris/BH Ultima Wood Primer or Super Grip Problem-Solving Primer.

**Galvanised Metal and Aluminium:** Prime with this product or Super Grip Problem-Solving Primer.

**Ferrous Metal:** Apply a full primer coat of Harris/BH Rust Chem Red Oxide, Anchorlite Heavy Duty or Universal Primer to the entire area.

#### PREVIOUSLY PAINTED SURFACES

Wash and rinse thoroughly with water to remove any contaminants and allow to air dry. Remove all mildew by washing with a solution of 125ml liquid bleach and 15ml non-ammoniated liquid detergent per litre of water. Glossy areas must be sanded to a dull finish and wiped free of dust to provide best adhesion. Scrub heavily chalked or greasy areas with detergent and water and allow to air dry. Treat any remaining chalky surfaces with Harris/BH Super Seal Premium Bonding Primer/Sealer before the application of this product. Prime bare areas with primer specified under **NEW SURFACES**.

#### DRYING TIME

Touch dry: 15 minutes

Recoat: After 2 hours

Curing time: 7 days

#### CLEAN- UP

Clean tools and equipment with warm soapy water immediately after use.

#### COMPOSITION

<b>Resin Type</b>	100% Acrylic Polymer
<b>Pigments</b>	Titanium dioxide, extender pigments
<b>Solvents</b>	Water
<b>Biocides</b>	Encapsulated Organic biocides
<b>Additives</b>	Surfactants, Rheological Additives

#### PROPERTIES

<b>Colour</b>	Bright White and custom tinted colours
<b>Gloss at 60°</b>	1-3
<b>Thinner</b>	Water

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<b>Weight per 3.8 litres (US gallon)</b>	4.5-5.0 kg (10.0-11.1 lbs)
<b>Grind (Hegman Scale)</b>	5.0 + N.S
<b>Volatile organic content (VOC)</b>	40-49 grams/litre
<b>Viscosity (Kreb Units)</b>	98-100 K.U
<b>Solids by weight</b>	45-47%
<b>Dry to Touch (6 mils.)</b>	15 mins at 25°C
<b>Recoat</b>	After 2 hours
<b>Shelf Life</b>	1 year minimum-unopened

#### PACKAGING SIZES

Available in 945ml (1qt), 3.8 litres (1 US gal), 19 litres (5 US gal).

#### PRECAUTIONS

**KEEP OUT OF REACH OF CHILDREN**

#### SAFETY DIRECTIONS

**NON- FLAMMABLE.** Store in a cool place. Non- toxic under normal conditions.

**FIRST AID:** In case of skin contact, wash immediately with water. If product comes into contact with eyes, rinse immediately with plenty of water and seek medical advice. **DO NOT SWALLOW.** If ingested, give plenty of water and obtain medical advice.

#### TECHNICAL ASSISTANCE

For advice and recommendation on the use of all Harris/BH Paints and Building Products, consult the Harris Technical Department, Tel: (246) 429-4840.

Email: [technical@harrispaintsonline.com](mailto:technical@harrispaintsonline.com)