

TECHNICAL DATA SHEET

ULTIMA PLUS

SATIN EMULSION



DESCRIPTION



Ultima Plus Satin Emulsion is an enduring quality, 100% acrylic, wall paint that is ideal for decorative interior and exterior applications when a low to medium sheen finish is desirable.

Incorporating innovative trademarked technologies including COLOURLAST™, COVERFAST™, SELFPRIME™, EASYBREATHE™ and MILDEWGUARD™, this product has been specially formulated to provide exceptional weathering and mildew resistance and is easy to apply and its quick curing results in a long lasting, uniform finish. Ultima Plus Satin Emulsion provides excellent hiding with good touch up properties when applied by brush roller or airless spray and it 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 satin finish
- Self-Priming

SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**
200 microns (8 mils)
- **RECOMMENDED MAXIMUM SPREAD RATE PER COAT:**
10m² per litre (350 sq. ft/ US gal)



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DIRECTIONS FOR USE

Ulttima Plus Satin 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 Satin 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

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

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-Solving Primer or Concrete & Drywall Primer.

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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: 30-60 minutes

Recoat: After 4 hours

Curing time: 7 days

CLEAN- UP

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

COMPOSITION

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

PROPERTIES

Colour	Bright White and custom tinted colours
Gloss at 60°	10-25
Weight per 3.8 litres (US gallon)	8.9-9.9 lbs/gallon
Grind (Hegman Scale)	6.0 + N.S
Volatile organic content (VOC)	48-49 grams/litre

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Viscosity (Kreb Units)
Solids by weight
Dry to Touch (6 mils.)
Recoat
Shelf Life

98-100 K.U
38-46%
30 mins at 25°C
After 2 hours
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