

TECHNICAL DATA SHEET

ULTIMA PLUS

GLOSS EMULSION



DESCRIPTION



Ultima Plus Gloss Emulsion is a water-based, 100% acrylic, high gloss paint that dries to an enamel like finish. Unlike traditional alkyd or oil paints, it does not yellow with age or when used in dark areas. This product can be used on a wide range of surfaces including masonry, suitably primed wood and primed metal.



Incorporating innovative trademarked technologies including COLOURLAST™, COVERFAST™, SELFPRIME™, EASYBREATHE™ and MILDEWGUARD™, it dries quickly and leaves no lingering odour. These features make this product ideal for interior use in homes, offices, hotels and restaurants and it is highly recommended for wooden ceilings and cabinetry and exhibits outstanding mildew and fungus resistance and durability on exterior masonry 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 gloss finish
- Self-Priming

SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**
200 microns (8 mils)



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- **RECOMMENDED MAXIMUM SPREAD RATE PER COAT:**
10m² per litre (350 sq. ft/ US gal)

DIRECTIONS FOR USE

Ulttima Plus Gloss 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 Gloss 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 Gloss Emulsion • OR 3 coats – Ulttima Plus Gloss 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 Gloss Emulsion 	<ul style="list-style-type: none"> • 1 coat - Harris/BH Super Grip Premium Problem-Solving Primer • 2 coats Ulttima Plus Gloss 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 Gloss 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

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instructions. Rinse thoroughly with water and allow to dry. Prime with this product or with Harris/BH Super Seal Premium Bonding Primer/Sealer or Concrete & Drywall Primer.

Wood: Spot prime knots with a knotting sealer. Sand the surface smooth and wipe clean. Prime surface with Harris/BH 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: 20 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°	60-80

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Weight per 3.8 litres (US gallon)	8.3-10.1 lbs/gallon
Grind (Hegman Scale)	7.0 + N.S
Volatile organic content (VOC)	38-46 grams/litre
Viscosity (Kreb Units)	100-104 K.U
Solids by weight	40-50%
Dry to Touch (6 mils.)	20 mins at 25°C
Recoat	After 2 hours
Shelf Life	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