

TECHNICAL DATA SHEET

ULTIMA PLUS PURE ZERO VOC INTERIOR FLAT EMULSION



DESCRIPTION



Ultima Plus Pure Zero VOC Interior Flat Emulsion is a modern premium quality, no-odour decorative flat emulsion paint that is suited for application to a wide range of interior surfaces. This paint has excellent touch up and spatter-free application properties and may be applied by brush, roller or spray to interior concrete, plaster, gypsum board and primed wooden surfaces.

Incorporating innovative trademarked technologies including COLOURLAST™, COVERFAST™, EASYBREATHE™ and SELFPRIME™, **Ultima Plus Pure Zero VOC Interior Flat Emulsion** offers colours with excellent fade resistance, superior coverage requiring less coats of paint, makes indoor air quality better by having virtually no odour and Zero VOCs. It is therefore ideal for interior use in homes, hotels, hospitals, offices and schools. Ultima Plus Pure uses resins with an advanced blend of polymers that allow it to bond to and seal many surfaces without priming first. It is available in Bright White or can be tinted to almost any colour.

COLOUR RANGE

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

FEATURES

- Virtually no odour and Zero Volatile Organic Content (VOC)
- Green Wise Gold certified. Meets the Low Emitting standards of LEED v4/4.1
- Non-yellowing
- Fade and chalk resistance
- Excellent coverage
- 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:**
10m² per litre (400 sq. ft/ US gal)

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DIRECTIONS FOR USE

Ulttima Plus Pure Zero VOC Interior 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 Pure Zero VOC Interior 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

<i>For Concrete Surfaces</i>	<i>For Wooden/Plywall/Gypsum Surfaces</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 Pure Zero VOC Interior Flat Emulsion • OR 3 coats Ulttima Plus Pure Zero VOC Interior Flat Emulsion 	<ul style="list-style-type: none"> • Either 1 coat Harris/BH Ulttima Wood Primer or Super Grip Premium Problem-Solving Primer • 2 coats Ulttima Plus Pure Zero VOC Interior Flat Emulsion • OR 3 coats Ulttima Plus Pure Zero VOC Interior Flat 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 Super Grip Premium Problem-Solving Primer or Concrete & Drywall Primer.

Wood: Spot prime knots and sappy streaks with a shellac-based sealer. Sand the surface smooth and wipe clean. Prime surface with Super Grip Problem-Solving Primer.

Galvanised Metal and Aluminium: Prime with 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.

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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 diluted Aqua Overglaze 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

Resin Type	Vinyl copolymer
Pigments	Titanium dioxide, extender pigments
Solvents	Water
Biocides	Organic biocides
Additives	Surfactants, Rheological Additives

PROPERTIES

Colour	Bright White and custom tinted colours
Gloss at 60°	Flat 2-3
Thinner	Water
Weight per 3.8 litres (US gallon)	10.9 -11.4 lbs/gallon
Grind (Hegman Scale)	3.0 + N.S
Volatile organic content (VOC)	less than 1 gram/litre
Viscosity (Kreb Units)	100-104 K.U
Solids by weight	45-50%
Dry to Touch (6 mils.)	15 mins at 25° C
Recoat	After 2 hours
Shelf Life	2 years minimum-unopened

PACKAGING SIZES

Available in 3.8 litres (1 US gal), 19 litres (5 US gal)

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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