

TECHNICAL DATA SHEET

PERMA FLAT EMULSION



DESCRIPTION



Perma Flat Emulsion is a great quality flat emulsion where a durable matte finish is desired. It is recommended for the decoration and protection of interior and exterior surfaces such as new brickwork, plaster, cement, and all types of wallboard.

Perma Flat Emulsion is also fungus resistant, quick drying, low odour and environmentally friendly, making it a smart choice for cost effective decorating.

COLOUR RANGE

Available in a range of 18 exciting ready-made colours, plus White and Black.

Can also be tinted to a wide range of pastel and mid-tone colours.

FEATURES

- Durable, flat finish
- Touch dry in 15 minutes
- Interior or exterior usage
- Easy application – brush or roller
- Easy to use, washes up with water
- Good mildew and algae resistance
- Low odour

SPREAD RATE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**
350 microns (14 mils)
- **RECOMMENDED MINIMUM SPREAD RATE PER COAT:**
10.0 m² per litre (400 sq.ft./ US gal)

DIRECTIONS FOR USE

Perma Flat Emulsion may be applied by brush or roller. 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. If required, thin paint with a maximum of 250ml of water per 3.78L (1/2 pint of water per 1 US Gallon) of Perma Flat Emulsion. Generally, 2 or 3 coats of Perma Flat Emulsion will give a satisfactory finish.

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RECOMMENDED PAINT SYSTEMS

<i>For Concrete Surfaces</i>	<i>For Wooden Surfaces</i>
<ul style="list-style-type: none"> • Either 1 coat of Harris/BH Ulttima Concrete & Drywall Primer or Super Grip Premium Problem-Solving Primer and 2 coats of Perma Flat Emulsion OR • 3 coats Perma Flat Emulsion 	<ul style="list-style-type: none"> • 1 coat of Harris/BH Ulttima Wood Primer or Super Grip Premium Problem-Solving Primer and 2 coats of Perma 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 to cure 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 with Ulttima 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 Premium Problem-Solving Primer.

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.

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COMPOSITION

Resin Type	Styrene Acrylic
Pigments	Titanium dioxide, talc, clay, calcium carbonate
Solvents	Water, ethylene glycol
Biocides	Organic biocides
Additives	Surfactants, Specialty additives

PRODUCT CHARACTERISTICS

Colour	White, black and 18 ready-made colours. Also, tintable to a wide range of pastel and intermediate colours.
Solids Content (by weight)	46-47%
VOC	14 grams/litre
Viscosity	89 - 92 KU
Grind (Hegman Scale)	4.0 + N.S
Weight per gallon (US)	10.4 -10.6 lbs/gallon
Gloss at 60°	2-4
Drying Time to Touch (6 mils)	15 min. at 25° C
Recoat	After 2 hours
Thinner	Water
Shelf Life	1 year minimum- unopened

PACKAGING SIZES

Available in 946 ml (1 US quart), 3.78 litres (1US gal), 19 litres (5 gal) in white and select colours.

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 thoroughly with soap and water. If product comes into contact with eyes, flush immediately with plenty water and seek medical advice. **DO NOT SWALLOW.** If ingested seek medical advice immediately.

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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