

TECHNICAL DATA SHEET

HIGH PERFORMANCE SATIN

POLY-STAIN



DESCRIPTION



High Performance Satin Poly-Stain is a premium wood finish that both penetrates into wood and forms a durable, high - gloss semi- transparent film. Available in clear or in a variety of colours, this product contains polyurethane resins for excellent adhesion and flexibility and resistance to UV rays, salts, moisture and mildew growth.

High-Performance Satin Poly-Stain can be used inside or outside, on wooden furniture, trim, doors, railing, windows, cabinetry, and other wood surfaces, where it will protect surfaces for up to three years. It can also be used on floors or decks, but more frequent maintenance will be required.

COLOUR RANGE

Clear, Pine, Rosewood, Cherry, Teak, Walnut, Red Mahogany, Brown Mahogany, Oak.

FEATURES

- Interior/Exterior use
- Penetrates into wood.
- Forms a durable high-build, low-sheen, and semi-transparent finish.
- Interior and exterior usage.
- UV, salts, moisture, mildew and mould resistant.
- Preserves natural appearance of the wood.
- Lasts up to 3 years on vertical exterior surfaces.

COVERAGE

- **RECOMMENDED MAXIMUM WET FILM THICKNESS PER COAT:**
100 – 125 microns (4-5mils)
- **RECOMMENDED MINIMUM SPREAD RATE PER COAT:**
9.3 – 11.6m² per litre (380-475 sq ft/ US gal) dependent upon the nature and absorbency of the wood.

Number of Coats: 1 – 3 dependent upon the depth of colour / staining required. (100 – 125 sq ft/litre)

TECHNICAL DATA SHEET

HIGH PERFORMANCE SATIN

POLY-STAIN



DIRECTIONS FOR USE

Stir thoroughly before use.

Do not shake. Apply in a well-ventilated area.

Do not apply outside if rain is imminent with the next 12 hours.

Apply by brush, roller or spray at a rate of 9.3 – 11.6 m² (100 – 125 ft²) per litre. Thinning is not required but if desired thin up to 10% with Ultima Puritene Oil Paint Thinner. For new wood or previously stained surfaces, up to three coats will be required to achieve maximum gloss and durability. For previously varnished surfaces, one or two coats will be required. Allow 4 -6 hours drying time between coats. Sand lightly, between coats for best final appearance. Allow final coat on vertical surfaces to dry 24 hours before returning to service, and 48 hours for decks and floors.

GENERAL SURFACE PREPARATION

Surfaces should be clean, dry and free from dust, grease, oil and wax.

NEW SURFACES

Do not apply to surfaces coated with Harris WoodCare High-Performance Penetrating Stain within the last six (6) months.

For exterior surfaces, high-pressure wash, or wash with a solution of 125ml liquid bleach and 15 ml non-ammoniated detergent to 4 litres (1 gallon) of water, to remove any mildew or surface salts.

Allow the wood to dry out thoroughly before application of the Harris WoodCare High-Performance Satin Poly-Stain.

PREVIOUSLY PAINTED SURFACES

Sand thoroughly to remove any glossy, loose, flaking or peeling coating.

Surfaces in very bad condition or previously, varnished surfaces should be **completely stripped** of old coatings.

DRYING TIME

Allow 4 – 6 hours drying time between coats. For vertical surfaces allow 24 hours drying time before use. For horizontal surfaces allow 48 hours before use.

TECHNICAL DATA SHEET

HIGH PERFORMANCE SATIN

POLY-STAIN



CLEAN- UP

Clean tools, equipment and spills with Ultima Puritene Oil Paint Thinner.

For best maintenance, after cleaning with thinner, wash brushes with warm water and detergent.

COMPOSITION

Polyurethane resins, phenolic resins, tung oil, Carbon Black, Iron Oxide (111), Azoic pigment, Silicon dioxide, Mineral spirits, aromatic solvents, Biocides, 2-Butanone oxime.

PROPERTIES

Colour	Clear, plus 8 pre- tinted colours.
Solids Content	34.5 – 38.5% by weight
VOC	565g/litre
Viscosity	48 -49 K.U
Grind (Hegman Scale)	N/A
Weight per gallon	7.3 – 7.6 lbs/US Gal.
Gloss at 60°	Low sheen
Shelf Life	2 years minimum – unopened.
Drying Time	Final dry - 12 hours.
Recoat	Allow 4-6 hours drying time between coats.
Thinner	Ultima Puritene Oil Paint Thinner.
Flash Point	29°C (84°F)

PACKAGING SIZES

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

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

SAFETY DIRECTIONS

FLAMMABLE.

Best stored in locations not hotter than 26°C.

Ensure maximum ventilation during application and drying.

With spray application use of an appropriate respirator is recommended.

Dispose of in accordance with local regulations.

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 do not induce vomiting,

TECHNICAL DATA SHEET HIGH PERFORMANCE SATIN POLY-STAIN



wash mouth out with water and seek immediate medical attention.

If excessive inhalation exposure symptoms are experienced, seek fresh air.

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