



SOLID COLOR STAIN

OPAQUE WOOD FINISH



PRODUCT DESCRIPTION

SOLID COLOR STAIN is a premium finish for new wood and for recoating old applications. SOLID COLOR STAIN is fortified with OWATROL® E-B* to provide unsurpassed adhesion to vertical and horizontal exterior substrates where other products ultimately fail or require extensive preparation and priming.









BASIC USES

- New or weathered exterior wood.
- Softwood: Cedar, Douglas Fir, Larch, PTW....
- Hardwood inc. Tropical: Chestnut, Beech, Ipe, Bangkirai....
- Modified Wood: Accoya®, Kebony®, Thermally Heat Treated.
- Horizontal and vertical surfaces.
- Decking, Cladding, Garden Furniture, Joinery, Fencing....
- Weathered vertical masonry including stucco, painted block....

PROPERTIES

- Excellent adhesion and flexibility.
- High traffic performance on deck surfaces.
- Long lasting on cladding.
- Easy application. Easy maintenance.
- Protects against moisture damage.
- Warrantied against peeling and flaking (see Limited Warranty details).
- Quick drying. Low odour.
- Microporous – Allows wood to breathe.
- High colour fastness.

FINISH	SIZES	USAGE
Matt	1L, 2,5L, 10L, 20L	Exterior

							
White	Antique Grey	Swedish Red	Deep Red	Chamois	TINT BASE Pastel Base	TINT BASE Mid Tone	TINT BASE Deep Tone

TECHNICAL DATA

Vehicle Type	Acrylic/Alkyd
Solvent Type	Water
Specific Gravity	at 20°C (68°F): 1,19 ±0,06
Viscosity	Brookfield 2000-3000 cups
Solid Content	49% ±3%
Flash Point	Not classified as flammable.
Shelf Life	1 year minimum in original unopened packaging.
VOC	EU limit value for this product (cat. A/e) 130 g/l (2010). This product contains max. 129 g/l.
Application Tools	Brush, Roller, Spray: Airless (0.17 – 0.21 tip at 1800 to 200psi (124 to 138bar).
Dilution	Use as is. Do not dilute.

Coverage	8 to 10m ² (86 to 107ft ²) per litre per coat. Actual coverage will vary depending on application method, type, texture, age, and porosity of the wood.
Drying Times	At 20°C (68°F) and 50% RH. Touch dry: 1 hour / Recoat: 3 - 4 hours / Fully dry: 24 - 48 hours.
Clean-up	Soap and water. If Solid Color Stain is allowed to dry on tools, remove with paint stripper.
Storage	Close lid tightly after use and store in original container. Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Before starting application, test colour choice on a small area and allow to dry, to determine final colour. Purchase sufficient product for the whole job and mix all product together before starting to avoid colour variance.

DO NOT USE TINT BASES UNTINTED.

Cover everything you do not wish to coat.

Moisture content of wood should be 18% or less.

Apply between 10°C (50°F) and 30°C (86°F). Do not apply in direct sunlight or to hot surfaces.

Do not apply if cold and/or wet weather is expected within 24 hours.

Stir product thoroughly before and during application.

Always work the entire length of a board or piece of wood to a logical break. Never stop application in the middle.

Vertical cladding should be coated from top to bottom.

SURFACE PREPARATION

General Directions:

Surfaces must be clean, dry and free of dirt, grease, grime, mildew and if necessary previous coatings.

Treat any mould and mildew with a 50/50 Bleach/Water solution. Scrub solution on to the surface and allow to stand 15 minutes, rinse thoroughly.

After cleaning and/or stripping allow wood to dry 2-3 good drying days or until it has reached a moisture content of 18% or less.

If necessary sand surface with 80 grit abrasive or coarser (depending on wood species) to remove any raised grain.

New Wood:

New wood has a hard shiny surface known as mill glaze that prevents maximum penetration; this along with the moisture content and natural oils/resins in new wood prevents the proper adhesion of any coating.

Conduct water drop test: Sprinkle water on the surface. If water is absorbed immediately, the surface is ready for finishing, if not proceed as follows:-

Resinous and high moisture content timber e.g. Larch, Pine, Spruce, PTW... – Treat with SEASONITE* and allow to weather a **minimum** of 6 months.

Cedar – Treat with SEASONITE* and allow to weather a **minimum** of 12 months, **irrespective of the result of the water drop test.**

Exotic woods e.g. Iroko, Azobe, Padouk, Ipe... – Allow to weather a **minimum** of 12 months.

Untreated Weathered wood:

Clean wood with NET-TROL* to remove all loose wood fibres, dirt and other surface contamination. If wood is severely contaminated clean with AQUANETT* or PREPDECK*. Neutralise with NET-TROL*.

Previously Coated surfaces (Oil, Paint, Stain etc.):

Check existing finish for adhesion by using the cross hatch test method.

If existing finish is well adhered:

Sand surface.

Clean with NET-TROL*.

If existing finish is in poor condition and/or poorly adhered:

All previous coating(s) must be completely and thoroughly removed.

Oils: Strip with AQUANETT* or PREPDECK*, neutralise with NET-TROL*.

Solvent (oil or alkyd based) finishes: Strip with DILUNETT*, neutralise with NET-TROL*.

Acrylic (water-based) finishes: Strip with PREPDECK*, neutralise with NET-TROL*.

Other finishes e.g. 2 pack epoxies, urethanes etc.: Strip with DSP800*.

Note: Woods high in tannins e.g. Cedar, Ipe, Oak, Teak will darken when treated with AQUANETT*, PREPDECK* or DILUNETT*. Neutralising with NET-TROL* immediately after rinsing will lighten and restore the woods colour.

NB: It is imperative that a contact time test is done when using AQUANETT*, PREPDECK* or DILUNETT* on Oak, Chestnut and other high tannin content woods to avoid blackening the wood – Refer to the relevant TDS.

APPLICATION

Apply a coat of SOLID COLOR STAIN avoiding heavy application.

Allow to dry – 4 hours.

Apply second coat.

When applying by spray, always back-brush or back-roll immediately after application to ensure uniformity of colour, coverage and penetration.

MAINTENANCE

Maintenance is due when the finish has severely faded or showing signs of wear.

Clean surface with NET-TROL*. Touch in any areas of exposed wood with SOLID COLOR STAIN.

If required apply 1 coat of SOLID COLOR STAIN to entire surface.

Cleaning with SOAPCLEAN* once a year between treatments to remove dirt and other contamination will refresh and renew the appearance of the finish.

Note: Surfaces with harsh exposure to sun, weather and foot traffic will show wear more quickly than other areas.

LIMITED WARRANTY

OWATROL® International warrants SOLID COLOR STAIN against peeling on wood decks for 5 years and against peeling and flaking on wood cladding for 15 years from the date of purchase, if it is applied to a properly prepared surface according to the instructions. Owatrol International will, at its option, replace the material or refund the purchase price if SOLID COLOR STAIN does not perform as described above. This warranty does not include labour or the cost of application of the stain and in no event will OWATROL® International be responsible for damages in excess of the purchase price of the material.

SAFETY

Refer to the safety data sheet (SDS) available at www.owatrol.com and the text on the label. Keep out of the reach of children.

*Same Manufacturer. *Refer to the TDS

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.

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