



STAN PROTECT

TANNIN BLOCKER

Description	<p>STAN PROTECT is a clear, penetrating tannin blocker that prevents the bleeding and leaching of tannins from woods' high in extractives and also the discolouration of finishes on interior softwoods. Forming a barrier within the wood, STAN PROTECT blocks the tannins, preventing them from reaching the surface where they will discolour a finish or stain.</p>
Properties	<ul style="list-style-type: none"> • Prevents discoloration of finishes caused by tannin bleed/staining. • Improves penetration and opacity of finishes. • Blocks tannin bleed/leaching - Improves adhesion of the finish • Colourless – Does not hide the wood grain. • Easy Application. Quick drying. • Extends the life of a finish – Prevents premature aesthetic and physical degradation of the finish. • Limits yellowing or browning of light coloured interior softwoods – Pine, Spruce, Larch.... • Overcoat with any film forming oil or water based stain (Semi-transparent or Opaque)
Basic uses	<ul style="list-style-type: none"> • Exterior and Interior. • Vertical and Horizontal surfaces. • New or old uncoated wood. • Use before application of opaque or semi-transparent stains. • Recommended for woods high in tannin - Cedar, American Redwood, Oak, Chestnut.... • Shingles, Cladding, Chalets, Skirting boards, Doors.....
Technical data	<p>Solvent Type: Water. Specific Gravity at 25°C (77F): 1.05 ±0.05 Physical State: Liquid. Solid Content by Weight: 21% ±2 PH: 8.2 ±0.3 Flammability: Not classed as flammable. Shelf Life: 1 year minimum in original unopened packaging. Container Size: 1L, 5L. Appearance in Can: Milky White. Colour: Clear. Drying Time at 20°C (68°F) and 50% RH: - Touch Dry: 45 min. - Dry: 2 hours. - Recoat: 6 hours. VOC: EU limit value for this product (cat A/i): 140 g/L (2010). This product contains max 35 g/L.</p>
Application tools	<p>Brush. Roller. Spray. Dipping.</p>
Good application practice	<p>Cover and protect everything you do not wish to coat, including plants and shrubs. Apply between 10°C (50°F) and 30°C (86°F). Do not apply in direct sunlight or to hot surfaces. Wood surfaces in direct sunlight can reach temperatures of 60°C (140°F) even when the air temperature is 30°C (86°F). Do not apply if cold and/or wet weather is expected within 24 hours. Vertical cladding should be coated from top to bottom. After spray application, always back-brush or back-roll to improve penetration and uniformity of coverage.</p>
Surface preparation	<p>General Directions: Surfaces must be clean, dry and free of dirt, grease, grime, mildew and previous coatings. Treat mildew with a 50/50 bleach/water solution. Scrub solution on to surface and allow to stand for 10 to 15 minutes; rinse thoroughly.</p>

The information presented here is given for information purposes only and does not engage the liability of the manufacturer, as the application of products is not carried out under its control. * Information on the level of omissions of volatile substances in indoor air, presenting a risk of toxicity through inhalation, on a classification scale ranging from A+ (variable omissions) to C (high omissions).

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<p>Surface preparation</p>	<p>After cleaning and/or stripping, allow wood to dry 2 to 3 good drying days or until it has reached a moisture content of 18 % or less before applying STAN PROTECT. STAN PROTECT can only be applied to bare wood surfaces. ALL other finishes MUST be completely and thoroughly removed. If necessary sand surface after cleaning and/or stripping (80 grit or coarser depending on wood species). New wood surfaces: Test wood for absorbency by sprinkling water on the surface. If water is absorbed quickly, the grain is sufficiently "open" and the surface is ready for finishing, proceed to "Application". If water is not absorbed then proceed as follows:- Treat wood with AQUANETT* or PREPDECK*, neutralise with NET-TROL*, alternatively mechanically or manually abrade surface with 80 grit paper or coarser depending on wood species. Clean and dust off to remove all loose wood particles. Weathered wood surfaces (untreated): Wood that has weathered longer than 12 months or turned grey should be cleaned with NET-TROL®* to remove all loose wood fibres, dirt and other surface contaminants. If wood is severely contaminated, clean with AQUANETT®* or PREPDECK®* and neutralise with NET-TROL®*. Previously treated surfaces (oiled, paint, stain, varnish....): All previous finishes must be completely and thoroughly removed. Oils and sealers: Strip with AQUANETT* or PREPDECK*, neutralise with NET-TROL*. Solvent (oil or alkyd based finishes): Strip with DILUNETT®*, neutralise with NET-TROL®*. Acrylic finishes (Water-based): Strip with PREPDECK®*, neutralise with NET-TROL®*. Other finishes e.g. 2 pack epoxies, urethanes...: Strip with DSP 800*, neutralise surface with a suitable solvent – Acetone, White Spirits, Methylated Spirits... Note: Hardwoods inc. exotic hardwoods and woods rich in tannins i.e. Cedar, Douglas Fir, Teak, Ipe, Iroko... may darken with AQUANETT®*, PREPDECK®* and DILUNETT®*, neutralising with NET-TROL* immediately after rinsing will lighten and restore the woods colour.</p>
<p>Application</p>	<p>Use as is. Do not dilute. Shake or stir can well before use. All Woods – New, Cleaned or Stripped. Brush, Roller, Spray Apply one liberal, even, saturating application to all wood surfaces. Soak in to end grain including any cut, bored or notched ends. Allow to dry. Dipping: Soak wood for 10 minutes. Drain off excess STAN PROTECT. Allow to dry. Note: If the over coating of STAN PROTECT exceeds 48 hours, lightly sand surface with 80 grit paper and thoroughly dust off before applying the finish.</p>
<p>Coverage</p>	<p>10 to 12m² (107 to 129ft²) per litre per coat Actual coverage will vary depending on application method, type, texture, age and porosity of the wood.</p>
<p>Clean-up</p>	<p>Clean all tools and equipment with diluted SOAPCLEAN* or soap and water immediately after use.</p>
<p>Storage</p>	<p>Store in original container and close lid tightly after use. Keep from freezing and high temperatures.</p>
<p>General information</p>	<p>Every care is taken to ensure that the information provided in this technical data sheet is accurate. Owatrol International is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local Owatrol Agent for your country. The information above is correct at the date of issue. All other OWATROL products named in this document should be used as per label instructions and the relevant Technical Data Sheet.</p>
<p>Safety</p>	<p>Refer to the safety data sheet (MSDS) available at www.owatrol.com and text on the packaging. Keep out of the reach of children.</p>
<p>Issue date</p>	<p>November 2018</p>

* Same Manufacturer

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www.owatrol.com