



150US Unistain Technical Data Sheet

PRODUCT OVERVIEW

150US Unistain is a solvent-based, UV-resistant stain formulated for use on internal and external timber and composite wood substrates.

TYPICAL APPLICATIONS

Pigmented stain developed for use on all Timber, Wood Products, Wood Plastic Composites to provide UV resistant natural looking colours. Unistain can be wiped on or spray applied delivering rich uniform natural looking timber colours.

PRODUCT CHARACTERISTICS

- Product Type: Solvent-based pigmented stain
 - Finish: Pigmented stain
 - Application Method: Spray or wipe application
 - Colour: Timber Tones
 - NC Lacquer Compatible
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KEY PERFORMANCE PROPERTIES (INDICATIVE ONLY)

- Touch dry: approximately 40–60 minutes at 25°C
 - Recoat: minimum 2 hours
Drying and recoating times are influenced by temperature, humidity, airflow, and applied film thickness. Cooler conditions or high humidity may extend drying times.
 - UV resistant pigmented stain.
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KEY LIMITATIONS

- Colour intensity dependent on timber species, age, porosity of substrate and surface preparation
 - Exterior performance dependent on suitable topcoat system
Not a standalone protective coating
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USER INSTRUCTIONS

The following application information is provided as general guidance only. Adjustments may be required depending on substrate condition, equipment, and environmental conditions.

EQUIPMENT AND APPLICATION METHOD

Conventional Spray Equipment, Cotton cloth (wiping), Brush.
Technique used to apply is spray or brush and wipe off evenly.

SURFACE PREPARATION

Ensure all surfaces are clean, dry, and free from oil, grease, dust, silicone, and other contaminants prior to coating.

APPLICATION WOOD PLASTIC COMPOSITE PREPARATION

Some Wood Plastic Composites are supplied with two different textures, 'Smooth' and 'Brushed' or (sanded dull or matt). Application of stain or topcoats differs as follows.

BRUSHED OR SANDED SIDE

Wash surface with **Composite Bright** as per application instructions. Completely rinse off any residues from the surface using clean water and allow drying. Inspect the surface for cleanliness. This process may need to be repeated to remove stubborn grease or oil stains. Once the composite wood substrate has been cleaned to satisfaction and has completely dried out, it is ready for Unistain application.

SMOOTH SIDE

1. For ModWood® Natural Grain.... 'Smooth side' up, it is recommended to lightly sand the surface with a 'belt sander'. Sand along the length of the board following the direction of the grain removing approximately 1-2 mm using 60-80 grit sanding pad or paper. (Wear appropriate dust mask and eye protection)
 2. For decking areas, thoroughly pre-wet the surface, surrounding walls and vegetation with water. Mix 10 parts water to 1 part **Composite Bright** by volume. Apply the diluted solution using a mop, brush, or spray.
 3. Scrub surface with a hard bristle broom or for large areas, a mechanical deck scrubber, ensure all spots and blemishes have been removed. Wash off after approximately 3-5 minutes with clean water from garden hose jet. (Do not use a Gernie or Karcher high pressure cleaner nozzle as this may damage the composite by leaving swirl marks or lines). Allow at least one hour to surface dry.
 4. Apply Unistain.
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WOOD STAINING PREPARATION

1. Sand timber surface using 120-240 grit sanding pad or belt sander. The coarseness of sanding will depend on the species of timber, generally the softer timbers will require finer grit while the harder species will require a coarser grit. Sand in the direction of the grain, do not sand against the grain. (Wear appropriate dust mask and eye protection)
 2. Remove all sanding dust and residues by wiping, vacuum, or brooming.
 3. Apply Unsitain
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UNISTAIN COATING PROCEDURE

SPRAY APPLICATION

- Apply with conventional spray gun in workable sections approximately an area of 1-2m² ensuring even application. Allow penetration of stain for approximately 2 – 3 min. **do not allow stain to dry completely.**
 - Wipe off excess stain evenly using clean cotton cloth ensuring all streaks or blotches of wet or damp stain are removed, continue until whole surface has been completed and allow up to 2 hr. drying before sealer or topcoat can be applied.
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APPLICATION BY WIPING

- Wipe on with cotton rag ensuring stain is worked evenly into the surface. Ensure to apply in workable sections 1-2 m² to avoid uneven finish. Allow penetration of stain for approximately 2 – 3 min. **do not allow stain to dry completely.**
 - Wipe off excess stain using clean cotton cloth ensuring all streaks or blotches of wet or damp stain are removed leaving a clean even colour and continue application process until entire surface has been completed. Allow stain to dry for approximately 2hr. before proceeding with sealing or topcoat application.
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STORAGE AND HANDLING

Store in original, sealed containers in a cool, dry, well-ventilated area away from sources of ignition. Stir thoroughly before use.

SAFETY INFORMATION

Always refer to the current Safety Data Sheet (SDS) before handling or applying this product. Appropriate personal protective equipment must be used during application.

IMPORTANT NOTICE

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