

PRODUCT CODES: ELSWB104

NAME: ENVIROSTAIN 104 WIPING STAIN BASE

DESCRIPTION: ELSWB104 has a very slow dry time to allow for wiping on large pieces as well as minimizing lap lines during the wiping process. It offers good uniformity of colour when used with the ELTINT series of micronized pigments and has minimal grain raising.

USES: This product is designed for interior wood finishing applications such as cabinetry, tables, furniture and millwork.

PRODUCT PREPARATION: This product needs to be mixed well prior to use, the product will 'phase'. If shaking, allow for more time than usual to ensure uniformity.

SANDING: Substrate should be sanded with 180 grit or finer sandpaper prior to applying any stains.

RECOMMENDED APPLICATION: Application is spray on wipe off or wipe on wipe off, either cup gun, HVLP turbine, pressure pot or air-assisted airless spray. Apply a wet coat in a single or double pass, covering the entire area to be stained. Remove excess stain with a clean, lint-free rag, giving a final wipe in the direction of the wood grain.

Wet Film Build:	2-5 mils
Number of Coats:	1
Drying Times:	See Below

This product can also readily be applied by Cup Gun, or alternatively it can be wiped on with a clean rag, brush or sponge.

After application this product needs to be wiped off using a clean, dry rag or sponge to ensure adhesion and correct colour appearance.

If the stain is left on too long and begins to dry, wiping off with a dry rag may result in lap lines. To minimize lap lines, re-wet the are with more stain on partially wet rag and wipe off using the same rag.

PHYSICAL PROPERTIES:	Specific Gravity:	1.002 ± 2%
	Viscosity:	ISO cup 6, 18-22s
	Solids Content:	3% by wt.
	Pot Life:	None
	Flash Point:	>100°C
	VOC's:	310g/L material VOC
	VOC's: (minus exempt)	745g/L*

*as a low solids product, these VOC values are CARB compliant

DRYING TIMES:

Air dry: (20°C/68°F) Dry to Touch: 5-10 Minutes
Ready to Seal: 30-60 Minutes
Note: Gentle air movement (recirculator or fan) while parts are drying will reduce dry to sand times by 20-40%

Conventional Oven: (40-45°C/104-113°F) Dry to Touch: 5 Minutes
Ready to Seal: 15-25 Minutes

TYPICAL SYSTEMS: Apply stain to sanded wood substrate and coat with 100, 300, 500 or 550 series clear sealer and topcoats.

SUITABLE TINTS: ELSWB104 is designed to be tinted with the ELTINT line of micronized pigments. It is also compatible with the ELDYE concentrates. 896- line colorants can be used, but at high concentrations may impact the wiping.

TINTING INSTRUCTIONS:

Stain System	Maximum Tint/Dye Loading
Wiping Stain	15%/5%

Note that when using pigments and dyes together in the same colour the overall stability of the colour will be reduced depending on the concentrations used. To ensure colour consistency, pigmented stains must be mixed prior to use and should be under low agitation if being used in production for a prolonged period.

GENERAL INFORMATION:

Use stainless steel (304/316) equipment for all water based products. When switching between solvent and water based products in the same spray equipment we suggest the following:

From Solvent to Water: Wash with acetone, then wash with water.

From Water to Solvent: Wash with water, then wash with acetone.

Keep containers closed when not in use and keep from freezing.

These products are designed for industrial use only. Please refer to the Safety Data Sheet prior to use.

SHELF LIFE: 12 months in unopened containers

STORAGE: Store in a tightly closed container at room temperature (18-25°C/64-75°F) and protect from direct sunlight and foreign material. Do not store at temperatures below 5°C/41°F.

Disclaimer: Every reasonable precaution is taken by the manufacturer in the manufacture of our products to ensure that they comply with our standards. The information given herein is correct to the best of our knowledge. Any suggestions made by us covering the use of our products are based on experience and/or tests believed to be reliable. However, because the use of any product of our manufacture is completely beyond our control, including for example, the method and conditions of application, no guarantee or warranty, expressed or implied, is made. Manufacturer's maximum liability shall be to replace such quantity of product determined by our laboratory to be defective. User shall determine the suitability of the product for his intended use and assumes all risk and liability in connection therewith.