

PRODUCT CODES: ELDSB100

NAME: DIPPING STAIN BASE

DESCRIPTION: ELDSB100 is a water based dipping stain that provides even tones in an easy to apply format over a variety of wood substrates. ELDSB100 offers minimum grain raising in a VOC friendly environment. This stain is well suited to fast paced production environments where complex shapes are being finished.

USES: This product is designed for interior wood finishing applications and is especially suited for complex shapes such as assembled chairs, small parts or intricate profiles.

PRODUCT PREPARATION: This product should be used as supplied and tinted with the Envirolak dyes. 896- Line water based tinters can also be used, but the stain will need to be mixed frequently to ensure consistent colour.

SANDING: Substrate should be sanded with an appropriate sandpaper prior to applying any stains.

Depending on the type of wood substrate you are using it may be recommended to sand finer than 180 grit. The finer grades of sandpaper will allow for a more uniform, less blotchy finish although the colour of the stain will also be slightly lighter. Please consult your Performance Finishing Solutions technical sales representative for raw wood sanding advice when using waterborne stains.

RECOMMENDED APPLICATION:	Dipping:	Dip substrate into stain.
	Pouring:	Pour stain over substrate.
	Shower Coat:	Allow shower to cover entire part.
	Other:	Spray is possible, but results may be inconsistent. Not recommended.

PHYSICAL PROPERTIES:	Specific Gravity:	1.004 ±2%
	Viscosity:	NA (water thin)
	Solids Content:	7% by wt.
	Pot Life:	None
	Flash Point:	NA
	VOC's:	<10g/L

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

SUITABLE TINTS: ELDSB100 should be tinted with Envirolak water soluble dyes. In addition, 896- line pigments can be used for darker or duller colours. Both pigments and dyes are available from your Envirolak supplier.

TINTING INSTRUCTIONS:

Stain System	Maximum Tint/Dye Loading
Spray Stain - ELDSB100	10%/5%
Shader	10%/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 wash all equipment well. 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 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.