

# ARMSTRONG-CLARK'S TRANSPARENT WOOD STAIN

REDWOOD TONE – CEDAR TONE – NATURAL TONE

## PRODUCT DATA SHEET

**DESCRIPTION:** A one or two coat, high solids pigmented finish made from heavy and light bodied oils designed for application on unpainted wood. Heavy bodied oils provide water repellency. Pigments provide longer lasting sun protection. Light bodied oil penetrates into the wood. Armstrong-Clark Transparent Wood Stains repel water, add flexibility to the wood and absorb a greater degree of the sun's UV rays.

**UNIQUE QUALITIES:** Armstrong-Clark's formula is a combination of drying and non-drying oils that gives the user two layers of protection with one brush stroke. Armstrong-Clark's Wood Stains have a non-drying conditioning oil that separates from the drying side of the formula. This oil penetrates into the wood fiber where the wood's natural oil used to be. This process rejuvenates the wood. The drying oils stay at the surface, lock in the conditioning oil and create a barrier that is dry to the touch. Armstrong-Clark's Wood Stains have only a mild boiled linseed oil aroma and can be applied in the direct sunlight/ heat of the day. This stain will not peel or crack. Can be exposed to "light" to "normal" rain 60 minutes after absorption into wood. All of Armstrong-Clark's colors are inter-mixable.

**USE:** For all new, old and pressure treated unpainted wood surfaces such as: decks, siding, shakes and shingles, fences and log homes where color retention, water repellency and wood conditioning are the desired goal.

### **BEFORE YOU START:**

Test stain choice for color and absorbency. Wood must have moisture content 20% or lower as determined by a moisture meter. Cedar shakes and shingles should have a moisture content 15% or lower to help prevent tannin bleed. Please call us at 800-565-8211 if you are applying stain to a deck that has less than 18" ground clearance or does not have adequate air ventilation underneath.

New Wood: Prior to application of stain, sprinkle water on your wood to test for absorbency. If water does not absorb into the wood within a few minutes, wait one month and retest. Also touch the end of the boards to ensure you do not feel any dampness.

Rain Warning: Can be exposed to "light" to "normal" rain 60 minutes after stain absorbs into wood (not 60 minutes after application). If heavy rain is expected, wait until after the storm has passed. Clean if necessary. Let wood dry for 48 hours. Cool temperatures and/or damp/ humid weather may lengthen dry times. Moisture needs to be 15% or less as determined by a moisture meter.

Hot weather: Enjoy application in the sunlight and heat of the day regardless of how hot it is outside.

Cool Weather Warning: Do not apply under 50 degrees. When daytime temperatures drop to 50 degrees, keep stain inside at room temperature and apply in the heat of the day. Freezing in the evening after application will not harm stain, but it will lengthen curing time.

Coverage: Coverage will vary depending on the age and species of the wood. 175 - 200 sqft. horizontal surfaces; 300 sqft. vertical surfaces

**SURFACE PREPARATION:** Read "Before you Start" above. Surface must be clean and free of dust, dirt, mold, mildew, pollen, and moisture. Wait 48 hours after cleaning to allow wood to dry. Cool temperatures and/or damp/ humid weather may lengthen dry times. Moisture needs to be 15% or less as determined by a moisture meter.

New wood: Wash surface using a mixture of soap and water with mild scrubbing. Rinse thoroughly and/or light pressure wash.

Aged wood or previously sealed with Armstrong-Clark's: Wash surface using a mixture of soap, chlorinated bleach and water (1 part bleach to 3 parts water) with mild scrubbing. Rinse thoroughly and/or light pressure wash.

Previously sealed with other brand stain: Remove stain. If stripping is required, be sure to apply brightener. If sanding, please note the following warning:

WARNING! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Avoid contact with skin. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead [www.epa.gov/lead](http://www.epa.gov/lead).

**APPLICATION:** Stir thoroughly. Be sure to scrape off all pigment that may have settled to the bottom of the can. Stir every 20 minutes during application. Do not thin. Avoid dripping, running and over spray of Armstrong-Clark's wood stain as this might cause damage to garden plants and can stain painted surfaces.

Softwood application: Easy application by brush, stain pad, roller, or airless spray equipment. No garden sprayers. Back brushing or back rolling recommended with spray applications. Should the first coat absorb within 60 minutes, a second coat can be applied for extra protection. Apply second coat "wet-on-wet". Yes, you can walk on the first coat. All of Armstrong-Clark's colors can be applied to softwoods, including Mahogany and Amber.

Hardwood application: Do not apply Transparent or Semi-Transparent colors to hardwoods. Only apply a single, thin, coat of Armstrong-Clark's Mahogany or Amber colors to hardwoods. Apply these colors sparingly.

After Application: Brush out any puddles after application. Let stain soak in overnight. If there are any wet spots after 24 hours, remove them with a dry towel. See rag disposal and SPONTANEOUS COMBUSTION WARNINGS below.

Drying Time: After absorption into wood, allow 8 hours for light traffic, 72 hours for heavy traffic and placement of patio furniture. Cool and/or damp weather will lengthen dry times.

Outdoor Furniture: 1 coat only. Apply stain. For Transparent colors let stain dry. For Semi-Transparent colors, Mahogany, or Amber the application process is for tinting wood. WIPE OFF stain after 1 hour. Letting stain sit longer may result on pigment rubbing off onto clothes. DO NOT APPLY SEMI-SOLID Colors to sitting surfaces and furniture.

**CLEAN UP:** Clean all equipment with paint thinner. All empty cans must be air dried. Dispose according to state and local regulations.

**AVOID SPONTANEOUS COMBUSTION!**

Immediately after use place used rags and other waste in a sealed, water filled metal container.

**MONTHLY MAINTENANCE:** To keep stained surfaces looking their best, especially decks, once a month sweep, blow, or hose off to remove dust, dirt, grime, mildew, and mold.

**APPLICATION MAINTENANCE:** Reapply at 2 to 4 year intervals for vertical surfaces and 1 to 3 year intervals for horizontal surfaces, depending upon weather exposure.

**GENERAL PROPERTIES**

VOC: Does not exceed 50 grams per liter

TYPE: Linseed oil based

THINNER: DO NOT THIN

FLASH POINT RANGE: >200°F closed cup

SOLIDS: 95% active ingredients

CUSTOM COLORS: Armstrong-Clark's wood stains are NOT TINTABLE. However, all of Armstrong-Clark's colors can be intermixed to create custom colors.

MOISTURE CONTENT: Must be 20% or lower as determined by a moisture meter. Cedar shakes and shingles should have a moisture content 15% or lower to help prevent tannin bleed.

APPLICATION TEMPERATURE RANGE: 50° F to 120+° F

DRYTIME: After absorption into wood, allow 8 hours for light traffic, 72 hours for heavy traffic and furniture. Cool and/or damp weather will lengthen dry times.