

**ARMSTRONG'S SHAKE SHIELD**  
**PRODUCT DATA SHEET**

**DESCRIPTION:** A one-coat, high solids semi-transparent finish exclusively designed for unpainted wood shakes and shingles. Armstrong-Clark's Shake Shield is made with heavy and light-bodied oils. Heavy bodied oils provide water repellency. Light bodied oil penetrates deep into the wood. Armstrong-Clark's Shake Shield repels water and replenishes the natural oils baked out by the sun, thereby adding flexibility to the wood. The pigments absorb the sun's UV rays, thus retarding the graying process of the wood.

**USE:** Armstrong-Clark's Shake Shield is specifically designed for weathered wood shake or shingle roofs. Although Armstrong-Clark's Shake Shield works extremely well on older roofs of 15-20 years old, it should be applied to newer roof installations as well. 30-50% of the natural oils leach and bake out of wood roofs within the first five years. It is to the advantage of any owners of a wood roof to use Armstrong-Clark's Shake Shield at the earliest opportunity.

**BEFORE YOU START:**

Wood must have moisture content below 15% as determined by a moisture meter.

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.

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: 75 – 100 sqft. per gallon.

**SURFACE PREPARATION:** Surface must be clean and dry before application. If heavy moss or mildew is present, they can be removed by a high-pressure water wash. If the weather conditions encourage excessive moss and mildew growth, an EPA approved mildewcide should be considered. Hint: The more that can be done to remove gray color and lighten the color of the wood roof to be coated, the more receptive the wood will become to the pigment providing a much more dramatic finished appearance.

**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. Start at the ridge and work down, going edge to edge, treating 2 or 3 rows of shakes or shingles at a time. Apply liberally. Allow the dryness of the wood to determine the quantity used (see "Coverage"). Avoid dripping, running and over spray of Armstrong-Clark's Shake Shield as this might cause damage to plants, glass or painted surfaces. For maximum results, an airless spray unit should be used, although Armstrong-Clark's Shake Shield can be applied by brush or roller (see Container for more details about airless spray application). Wear goggles, a long-sleeved shirt, full-length pants and an OSHA approved respirator for protection. Always avoid walking the coated areas as they may be slippery.

**CLEANUP:** Clean spatters and spills immediately with paint thinner after use. Clean tools and equipment with paint thinner.

**AVOID SPONTANEOUS COMBUSTION!**

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

**MAINTENANCE:**

Reapply at 5 years based on 75 – 100 sqft. per gallon application. Note – color fades in 2 to 3 years, but the non-drying condition oils will still be present in the wood for at least 5 years, and probably 7 years.

**GENERAL PROPERTIES**

VOC: Does not exceed 50 grams per liter

TYPE: Oil base

COVERAGE: Approximately 75–100 square feet per gallon

THINNER: Do not thin

FLASHPOINT: >200°F closed cup

SOLIDS: 95% active ingredients

NOT TINTABLE

COLOR: Light Brown – Cedarish color

CLEAN UP: Paint thinner

MOISTURE CONTENT: Must be 15% or less as determined by a moisture meter.

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