

# Classic 1·2·3: Exceptional wood protection system for logs, timbers and exteriors where a beautiful, natural, low lustre finish is desired. Classic is deep penetrating and can be applied to wood of variable moisture contents.

## FEATURES

- Environmentally-friendly 3-coat system
- Penetrating water-borne alkyd formula
- Low VOC
- Molecularly compatible – creates a monolithic bond with wood for long-term protection
- Deep wood penetration – ensuring wood stability and long-term integral protection
- Dimensional stabilization – reduces warping, shrinking, checking
- Breathable
- Non-flammable
- Nano Tints – provide exceptional clarity and protection
- UV protection – long-term maintainability
- Repels water but allows evaporation – critical to long-term wood stability

## IMPORTANT

Product Data Sheets are based on "ideal" work conditions. Due to wood variability and varying environmental conditions, it is strongly recommended that the end-user needs to determine that the application conditions, coating product system, and techniques are suitable to reach the desired results. Please see Conditions of Sale.

## APPLICATIONS

Exterior log and timber framed structures.

## COLORS

Available in standard and architectural custom colors.

Color	Grain Visibility	Finish
Naturals	Transparent	Flat Low lustre
Translucent	Transparent	Flat Low lustre
Saturated	Semi Transparent	Flat Low lustre

## FORMULAS

The Classic 1·2·3 system is comprised of three separate formulas:

**CLASSIC 1:** deep penetrating tintable base layer for Naturals wood tones and Translucent colors. These formulas provide deep penetrating even color and long-lasting protection.

**CLASSIC 2:** penetrating, tintable formula that may be used either as the second coat for Naturals wood tones and Translucent colors or as the first coat for colors that contain higher pigment loads, such as Saturated and Ultra-Saturated colors. Provides enhanced weather and UV protection.

**CLASSIC 3:** tintable formula that defines grain and provides enhanced color, tone and UV protection with a beautiful low lustre finish.

**CLASSIC NATURALS TOPCOAT:** low lustre natural finish that is highly protective, exceptionally durable and can be used as the second, final or maintenance coat to natural toned Classic coated surfaces.

## TINTABLE BASES

- Classic 1 - 0-Base
- Classic 2 - 0-Base & 2-Base
- Classic 3 - 0-Base

## CHARACTERISTICS - CLASSIC 1

- Appearance.....Milky Beige
- Coloring ..... Standard & Custom
- Odor ..... Low
- Form ..... Liquid
- Specific Gravity ..... 1.00-1.01

- Density ..... 8.3-8.6
- pH, (approx.) ..... 8-8.5
- Viscosity..... 14-16 sec, Z #2 or Zahn #2
- Solvents ..... Low
- Freezing Point ..... -1°C (31°F)
- Diluent ..... Water
- Cleanup ..... Soap & Water
- Drying Time to touch @ 20°C (68°F) ..... 6-8 Hours
- Drying Time between applications @20°C (68°F)..... 24 Hours
- Coverage @ 8-10 Wet Mills ..... 160-200 sq.ft/USgal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L) ..... Actual 13.0 g/L
- Less than 1lb solid per gallon

## CHARACTERISTICS - CLASSIC 2

- Appearance.....Milky Beige
- Coloring ..... Standard & Custom
- Odor ..... Low
- Form ..... Liquid
- Specific Gravity ..... 1.00-1.04
- Density ..... 8.3-8.6
- pH, (approx.) ..... 8-8.5
- Viscosity..... 40-45 sec, Z #4
- Solvents ..... Low
- Freezing Point ..... -1°C (31°F)
- Diluent ..... Water
- Cleanup ..... Soap & Water
- Drying Time to touch @ 20°C (68°F) ..... 6-8 Hours
- Drying Time between applications @20°C (68°F)..... 24 Hours
- Coverage @ 5-8 Wet Mills ..... 200-300 sq.ft/USgal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L) ..... Actual range 30-32/Regulatory range <150

## CHARACTERISTICS - CLASSIC 3

- Appearance.....Milky Beige
- Coloring ..... Standard & Custom
- Odor ..... Low
- Form ..... Liquid
- Specific Gravity ..... 1.00-1.04
- Density ..... 8.3-8.6
- pH, (approx.) ..... 8-8.5
- Viscosity..... 40-45 sec, Z #4
- Solvents ..... Low
- Freezing Point ..... -1°C (31°F)
- Diluent ..... Water
- Cleanup ..... Soap & Water
- Drying Time to touch @ 20°C (68°F) ..... 6-8 Hours
- Drying Time between applications @20°C (68°F)..... 24 Hours
- Coverage @ 4-6 Wet Mills ..... 250-350 sq.ft/USgal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/L) ..... Actual range 30-32/Regulatory range <150

# Classic

1·2·3

ENVIRO STAIN®



# Classic

1-2-3



## PACKAGING

Quarts, Gallons, 5-Gallon pails & drums.

## PREPARATION

### PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- Inspect wood surfaces for defects and make any necessary repairs.
- Use Sansin cleaner and/or wash the entire surface with a minimum 3000 PSI pressure washer use clean water.
- Sand the surface well using a 60-80 grit paper and random orbital sanders.
- Follow by power washing, vacuuming or using compressed air for proper cleaning. Surface must be clean, free from dust, dirt, grease, wax or any existing coatings.

## APPLICATION METHODS

- Always flood surface to the point of saturation.
- Dipping.
- Brushing.
- Flood coating.
- Spraying – hand or automated spraying (low pressure or airless).

## GENERAL WORKING PROCEDURE

- Stir well before and during the application process.
- Test formula on an inconspicuous wood surface to ensure proper color and penetration.
- Apply in proper conditions with an ideal temperature of 21°C (70°F) and relative humidity of approximately 50%.
- Do not apply if rain or near freezing temperatures are expected.
- Saturate the wood surface.
- Brush out any puddles and runs.
- Apply to dry wood surface only.
- Do not apply on wood that is warm to touch.
- Continually check the surface; wipe up all puddles and brush out runs.
- Always read published directions for use prior to beginning any project.

## WORKING PROCEDURE - NATURALS WOOD TONES & TRANSLUCENTS

- Apply Classic 1 as per the directions outlined in the General Working Procedure.
- Allow to dry for 24 hours in proper drying conditions at 20°C (68°F) and 50% relative humidity. Longer dry times are required for cold temperatures and/or high humidity (>70%).
- Apply appropriately tinted Classic 2 formula as per the directions outlined in the General Working Procedure. Note that Classic 2 has a glossy appearance that enhances color clarity and defines wood grain. Allow to dry for 24 hours in proper drying conditions.
- Apply appropriately tinted Classic 3 formula as per the directions outlined in the General Working Procedure.

## WORKING PROCEDURE - LIGHT COLORED WOOD TONES

- Prepare and apply Sansin Foundation according to published directions for use.
- Allow to dry for 24 hours in proper drying conditions at 20°C (68°F) and 50% relative humidity. Longer dry times are required for cold temperatures and/or high humidity (>70%).
- Apply appropriately tinted Classic 2 formula as per the directions outlined in the General Working Procedure. Note that Classic 2 has a glossy appearance that enhances color clarity and defines wood grain. Allow to dry for 24 hours in proper drying conditions.
- Apply appropriately tinted Classic 3 formula as per the directions outlined in the General Working Procedure.

## WORKING PROCEDURE - COLORS & OTHER WOOD TONES

- Apply appropriately tinted Classic 2 formula as per the directions outlined in the General Working Procedure. Because Saturated and

Ultra-Saturated colors offer enhanced weather and UV protection they don't require Classic 1. Allow to dry for 24 hours in proper drying conditions at 20°C (68°F) and 50% relative humidity. Longer dry times are required for cold temperatures and/or high humidity (>70%).

- Apply appropriately tinted Classic 3 formula as per the directions outlined in the General Working Procedure.

## MAINTENANCE

Vertical surfaces require maintenance every 4-6 years. Timing of maintenance coats will depend on quality of prior preparation, workmanship, color, application and exposure levels. Regular maintenance, will provide long-lasting color retention, exceptional dimensional stabilization and water repellency. Periodically, clean the wood surface with a power washer or Sansin Multi-Wash to remove dirt and residue. When the surface shows signs of wear such as fading or erosion a maintenance coat is needed. Use a power washer to lightly clean the wood surface or Sansin Multi-Wash. For Light or Natural wood tones, apply 1 maintenance coat of Sansin Classic Naturals Topcoat according to application instructions. For all other wood tones, apply 1 maintenance coat of Classic 3 according to application instructions and color appropriately.

## CLEAN UP

Clean hands and tools with soap and water.

## STORAGE

Shelf life when stored in ideal conditions is 18 months. Store at a temperature of between +10°C and +30°C (50°F and 86°F). Keep containers tightly closed.

## SAFETY

See Safety Data Sheet.

## WARNING TO USERS

Keep out of reach of children, if swallowed immediately drink two glasses of milk or warm water. Do not induce vomiting. Call physician immediately. Avoid contact with skin or eyes; flush with soap and water. Avoid breathing of vapor or mist. Wear a properly fitted NIOSH approved respirator. The information contained in this document is given in good faith based on our current knowledge. The use of the product is beyond the control of The Sansin Corporation, and no guarantees, expressed or implied, are made as to the result to be obtained if not used in accordance with the published Directions for Use. The Sansin Corporation does not assume any legal responsibility for use or reliance on same. This information must on no account be used as a substitute for necessary field tests, which alone can ensure that the product is suitable for the expected use. Before using any product, read its label.

## CONDITIONS OF SALE

The only obligation of the manufacturer and seller shall be to replace such quantity of Sansin product that is proven to be defective. Proof of purchase is required. Seller or manufacturer shall not be liable for any loss or damage connected with the use and/or handling of this product. All labor costs are specifically excluded. User should determine suitability of product for the intended use before application. User assumes all risk and liability in connection therewith. This warranty is expressly made in lieu of any and all other rights, warranties, conditions and remedies, express or implied, including but not limited to any implied warranty or condition of merchantability, fitness for a particular purpose, and any warranty or condition arising out of a course of dealing, a custom or usage of trade. If any distributor or seller of product offers warranties or remedies which differ from those offered by Sansin, Sansin accepts no responsibilities for such warranties or remedies.



SANSIN<sup>®</sup>