

ENS OPTIMUM CLEAR: An environmentally-friendly, clear finish that is highly durable and designed for the maintenance of previously coated surfaces. It is compatible with many transparent or solid finishes such as SDF, Classic, Dec, ENS or other manufacturers water-based and solvent based paint and finishes. ENS Optimum Clear will provide additional UV resistance, durability and a beaming gloss or satin finish to any compatible previously coated surface. It also offers excellent adhesion characteristics and can be applied over many water based alkyd products to enhance beauty and durability to wood, metal, fiber glass and composite substrates.

FEATURES

- Environmentally friendly
- Excellent adhesion
- High solids
- Glass like premium finish
- Tough durable finish
- Non flammable liquid
- Exceptionally UV resistant
- Water repellent

APPLICATIONS

- Outdoor furniture and decks
- Millwork
- Wood and fiber glass windows and doors
- Vertical exterior surfaces such as wood siding, metal or composites
- Garage doors

CHARACTERISTICS

- Form and Appearance.....Milky Liquid
- Appearance on wood.....Satin or Gloss
- Coloring.....Standard
- Odor.....Low
- Specific Gravity (g/cm3).....1.00-1.03
- Density (lbs/gal).....8.3-8.4
- pH.....8.8
- Viscosity, #2 Zahn Cup, 20°C.....60-70 sec.
- Sag Resistance......6 mils wet
- For spray applications reduce with up to 5% water
- Solvents.....Low
- Solid Content......40% +/-1%
- Freezing Point.....-1°C (31°F)
- Diluent.....Water
- Cleanup.....Soap & Water
- Drying Time (To touch) @ 20°C (68°F).....40 Minutes
- Drying Time (Between applications) @20°C (68°F).....4 hours
- Wet Film Thickness......4-6 Wet Mils/US Gal.
- Coverage......250-400 sq.ft./US Gal
- Longer drying time needed in high humidity or @ low temperature
- VOC (g/L).....Actual – 70 / Regulatory – 164

PACKAGING

Quarts, 1 and 5 US gallon plastic containers.

FORMULAS

Available in standard Satin and Gloss finishes. Flat finishes are available by special request.

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

- Inspect surface for defects
- Make necessary repairs.
- Clean using Sansin Multi-Wash and rinse well.
- Allow to dry.
- Sand entire surface.
- Surface must be clean, free from dirt, dust, grease and wax.



CLEAN USING SANSIN MULTI-WASH™



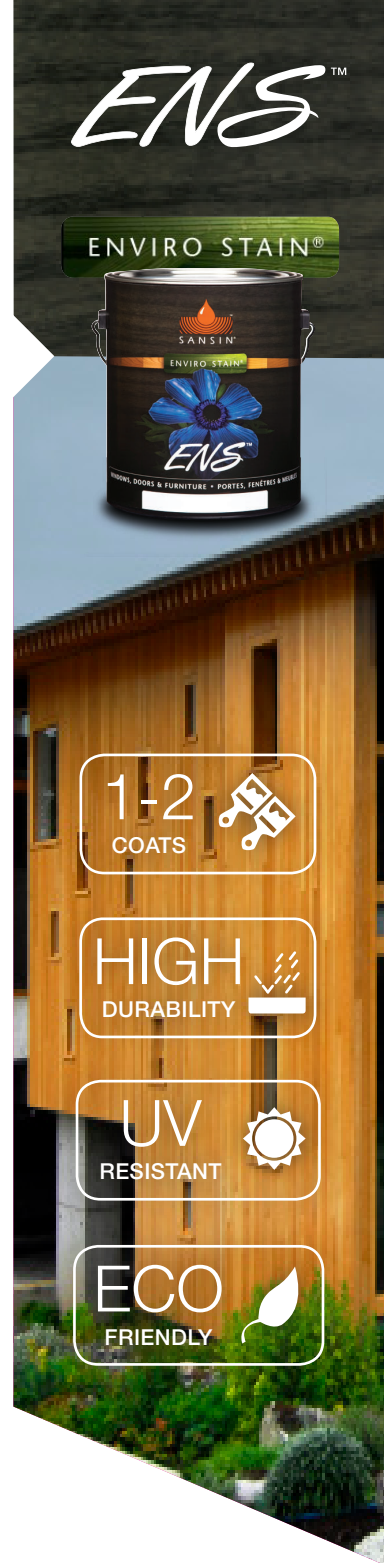
FINISH SANDING #60-#80 GRIT

APPLICATION METHODS

- For previously coated surfaces apply a small test area to ensure proper drying, adhesion, durability and compatibility to the surface.
- Brush using a premium quality dual purpose brush.
- Spray using conventional, air assist or airless systems, refrain from using high shear pumps.

WORKING PROCEDURE

- Stir well before and during application.
- Spray application is preferred using air assist airless or HVLP spray equipment.
- Apply a manageable film thickness.
- Consider the wet film thickness to determine the number of finish coats.
- Do not overwork ENS as it is fast drying.
- Do not apply in heat of day or direct sun.
- Do not apply on wood that is warm to touch.
- Do not apply if rain is expected or in freezing temperatures.



ENS™

ENVIRO STAIN®



1-2 COATS

HIGH DURABILITY

UV RESISTANT

ECO FRIENDLY



ENS™



MAINTENANCE

Vertical surfaces require maintenance every 4-5 years. Maintenance is necessary when the surface shows signs of wear, such as, clouding, fading or erosion. Maintaining your surface on a regular basis will ensure long-lasting color retention, dimensional stabilization and effective water repellency. Periodically, clean the surface with Sansin Multi-Wash to remove dirt and residue. Maintenance coat frequency will depend on the quality of prior preparation, substrate quality, construction quality, quality of application and degree of exposure. If fading or erosion is evident, use Sansin Multi-Wash, rinse well and allow to dry. Scuff sand for improved adhesion, apply one maintenance coat of Sansin ENS optimum clear or a slightly toned version of optimum clear using the naturals Colors formulas or a dilution thereof. Color, transparency, exposure, workmanship will affect the performance of the coating.

STORAGE

Shelf life when stored in ideal conditions is 3 years. Store at temperatures of between +10°C and +30°C (50°F and 86°F). Keep containers tightly closed.

SAFETY

See Material 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.

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