APPLICATION OVERVIEW

Purity Floor: A modified waterborne urethane finish that is meant to intensify the grain and deepen wood's natural color (anfeuerung). Easy to apply, durable, chemical and scratch resistant for superior beauty and durability. Available in Gloss, Semi-Gloss, Satin, Low Lustre and Extra Low Lustre formulations. Solid hide colors can topcoat existing oil based paints and finishes.

FEATURES

- Water and stain resistant
- Superb leveling and flow
- Gymnasium grade durability
- Environmentally friendly
- Low VOC, low odor
- Soap and water clean-up
- Scuff and scratch resistant
- Exceptional clarity
- Tough but flexible

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

- Floors (softwood and hardwood)
- Cabinetry
- Shelves
- Interior Doors
- Interior Windows
- Ceilings
- Walls
- Furniture
- Other fine wood surfaces

COLORS

To augment grain and add color to the surface, apply Purity Interior Stain or Gel in the desired color as the first coat. Purity Stain is easy to apply consistently without overlap.

Sansin's microfine tints can be added directly to Purity Floor for shading or light coloring. For a solid hide appearance, Purity Floor can be tinted with exterior pigments to Sansin's solid hide colors or custom colors. The applicator should be especially careful to apply uniform coats to avoid overlap when using Tinted Purity Floor.

Formula/Base	Color
0 Base	Naturals & Translucents
2 Base	Saturated & Ultra Saturated
Deep	Solid
White	Solid

For optimal clarity & resolution Purity Floor Gloss should be used as the intermediate coat when using Satin, Low or Extra Low Luster as the final coat.

Available lusters: Gloss, Satin, Low Luster, and Extra Low Luster.

CHARACTERISTICS

- Appearance.....Hazy Pale Liquid
- Odor.....Mild Ammonia Odor
- Form.....Liquid
- Specific Gravity.....1.05
- Density.....8.4 Lb/gal
- Solids.....28-36% +/-1
- pH, (approx.).....8.5
- Viscosity, Zahn #2.....18 sec +/-1
- Freezing Point.....-1°C (31°F)
- Diluents.....Water
- Cleanup.....Soap & Water
- Drying Time (To touch) at 20°C (68°F).....30 Min
- Wet Film Thickness.....3-4 Wet Mils/US Gal
- Coverage.....400-500 sq.ft./US gal
- Longer drying time needed in high humidity or low temperature
- Keep from freezing
- VOC (g/l).....Actual 67.4 / Regulatory 177

PACKAGING

Quarts, Gallons, 5 Gallon Pails

PREPARATION

PREPARATION IS KEY TO A SUCCESSFUL PROJECT

For New Wood Application:

- Remove all hardware or cover hardware that cannot be removed.
- Surface must be dry and free of contaminants such as waxes, silicones, glues and dirt.
- Do not use steel wool or anything that may leave iron particulate on the wood surface.
- Repair any defects in the surface, such as holes and cracks using only quality, acrylic-based tinted, wood fillers to match the color of the project. Wood filler must be allowed to dry completely prior to sanding.
- Extra effort in sanding will pay off in aesthetics. Use 120-150 grit sandpaper and always sand with the grain for best results.
- Remove dust particles by vacuuming and wipe with damp cloth.
- Test formula on an inconspicuous wood surface to ensure proper color and penetration.



SAND ENTIRE SURFACE



BRUSH USING A GOOD QUALITY DUAL PURPOSE BRUSH

APPLICATION METHODS

- Apply the first coat of Sansin Purity Interior Floor by lambs wool or a pad applicator. Spread the finish evenly. Purity Floor has excellent leveling properties; be careful not to overwork the product.
- For spray application use conventional or air assist airless, high sheer pumps. Contamination in pump can cause cratering or other surface issues. Equipment should be qualified before use.
- Apply a second coat of Sansin Purity Floor (3-4 mils or 75-100 microns).
- Sand the second coat with 320 grit sandpaper and remove the sanding dust.



SANSIN®

PURITY® INTERIOR Floor™







WORKING PROCEDURE

- Test formula on an inconspicuous wood surface to ensure proper results
- Apply the first coat (3-4 mils or 75-100 microns) of Purity Floor by spray, brush, pad or lambs wool applicator.
- Spread the finish evenly. Allow 4 hours dry time.
- Apply a second coat of Sansin Purity Floor (3-4 mils or 75-100 microns).
- Sand the second coat with 320 grit sandpaper and remove the sanding dust.
- Two coats may be adequate protection. In this case sand after the first coat and not after the second and final coat.
- For additional protection or gloss apply a third coat after 24 hours
- Allow a minimum of 24 hours drying time before light traffic and up to 7 days for full cure.
- To optimize clarity and finish use only Gloss formulas and sand the final coat using an ultra fine (1000 grit) abrasive to remove sheen. Be careful to test technique for uniformity.

MAINTENANCE

For damaged or worn surfaces:
If the wood surface is exposed because of damage; decide whether to repair the complete board or spot repair; prepare the surface using a solution of Multi-Wash to remove contamination, allow to dry, follow with sanding to smooth the surface appropriately, apply the same coating schedule to match the initial application.

For proactive maintenance coats on surfaces treated in Purity Interior Floor: Gently wash the surface using a solution of Multi-Wash and remove all contamination by any agreeable method, being careful not to over wet the surface. Use clean water for a final wiping, ensure the fabric is clean. Allow the surface to dry completely. If necessary sand using 220-320 grit paper. Apply a maintenance coat of Purity Interior Floor using an appropriate applicator.

See directions for further details.

STORAGE

Shelf life when stored in ideal conditions is 18 months. Store at a temperature of between 10ºC and 30ºC (50ºF and 86ºF). 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. The information contained in this document is given in good faith based on our current knowledge. The use of this 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.

© 2026 THE SANSIN CORPORATION ALL RIGHTS RESERVED
AUGUST 2026

SANSIN™