

Purity Floor: gymnasium grade modified waterborne urethane finish that is easy to apply, durable, chemical and scratch resistant. Penetrating ultra clear formulation, superior beauty and durability.

FEATURES

- Water and stain resistant
- Self Leveling
- Gymnasium grade durability
- Environmentally friendly
- Low VOC, low odor
- Soap and water clean-up
- Scuff and scratch resistant
- Exceptional clarity

APPLICATIONS

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

COLORS

To augment grain and add color or tone to the surface use Purity interior Stain.

TINTABLE BASES

To tone or color wood use Purity 0-VOC Stain, a penetrating stain that colors wood uniformly in one coat. If necessary or for shading, add Sansin Microfine tints to Purity Floor. The applicator should be especially careful to apply uniform coats to avoid overlapping when using tinted Purity Floor.

CHARACTERISTICS

- Appearance.....Hazy Pale Liquid
- Odor.....Mild Ammonia Odor
- Form.....Liquid
- Specific Gravity.....1.05
- Density.....8.4 Lb/gal
- Solids......36% +/-1
- pH, (approx.).....8.5
- Viscosity, Zahn #2......35 sec +/-1
- Freezing Point.....-1°C (31°F)
- Diluents.....Water
- Cleanup.....Soap & Water
- Drying Time (To touch) at 20°C (68°F).....30 Min
- 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.

For Previously Finished Wood Surfaces: Purity Floor can be applied over various solvent and water based products by following these steps:

- Ensure surface is completely clean, dry and free from contamination.
- Light sanding may be considered for smoothing and improved adhesion.
- Remove all sanding dust and contaminants.
- Test apply a sample of product to ensure adequate leveling, drying and adhesion characteristics.
- Proceed with application of product.



SANDING #120-#150 GRIT WITH THE GRAIN



APPLY WITH A GOOD QUALITY BRUSH OR PAD APPLICATOR OR BY SPRAYING

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.

PURITY® INTERIOR
Floor™

ENVIRO STAIN®





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.
- Apply a third coat.
- 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. Sand using 220 -320 grit sand paper. Apply the 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 +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. 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.

© ALL RIGHTS RESERVED

JUNE 2015