

# Precision Coat Purity Floor: A gymnasium grade, 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.

## 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

## 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
- Doors
- Windows
- Ceilings
- Walls
- Furniture
- Other fine wood surfaces

## COLORS

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

Sansin's microfine tints can also be added directly to Precision Coat Purity Floor for shading or coloring. The applicator should be especially careful to apply uniform coats to avoid overlap when using Tinted Precision Coat Purity Floor.

Available finishes: Gloss, Semi-Gloss, Satin, Low Lustre, and Extra Low Lustre.

## 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
- Wet Film Thickness..... 3-4 Wet Mills/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.

## 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 shear pumps. Contamination in pump can cause cratering or other surface issues. Equipment should be qualified before use. 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 Precision Coat Purity Floor by spray.
- Spread the finish evenly. Allow 4 hours dry time.
- Apply a second coat of Precision Coat 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.

PURITY® INTERIOR  
*Floor*™

ENVIRO STAIN®



2-3  
COATS

LOW  
VOC

DEEP  
PENETRATING

ECO  
FRIENDLY



SANSIN®



**For proactive maintenance coats on surfaces treated in Precision Coat 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

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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

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See Material Safety Data Sheet.

#### WARNING TO USERS

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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

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#### CONDITIONS OF SALE

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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.