

PRODUCT CHARACTERISTICS

Premier HD is a premier low odor, low VOC, non-yellowing coating for VCT. It will provide extreme longevity of the finish. Frequent burnishing, stripping, and recoating are not required. Premier HD is extremely tolerant to day to day foot traffic; marring, scratching, and abrasion; providing an average length of recoat of approximately 12 months. Premier HD will enhance the appearance and durability of the surface far beyond the expectations of typical 'wax-type' finishes.

Potentially thousands of dollars, annually, can be saved using Premier HD, by allowing maintenance personnel to concentrate time in other needed areas. Premier HD will provide a faster turn time than 'wax-type' or UV coatings.

- Leveling—Levels immediately upon application
- Out-gassing—Tolerant to out-gassing up to 6-7 mils WFT
- Gloss hold-out—Excellent gloss hold out; including in traffic areas
- Blushing—Very blush resistant when using the Standard Reducer or Low Humidity Reducer.
- Air Movement—Very tolerant to air movement, does not distort finish when matched with the proper reducer

Premier HD Semigloss has all of the same properties of the Premier HD Gloss Finish with the exception the lower sheen. Lower sheens are favorable in situation where the floors may have surface imperfections on an uneven profile.

TECHNICAL DATA

Gloss	40-50° @ 60° angle
Dry Time	Traffic: 4-5 hours Full Cure: 2-4 days
Hardness @ Full Cure	6H—8H Scratch 9H—Gouge
Depth-of-Image (DOI)	Excellent
Moisture Resistance	Excellent: One (1) hour, closed cup, spot test: Overnight Dry: Minor Haze, Full Recovery Full Cure: No Effect
Slip COF	Above 0.60, meets and exceeds ADA standards
Scratch Resistance	Excellent
Mar Resistance	Excellent. Most floors do not need a new coat for one year, (or longer) with proper daily cleaning, with a microfiber system.
Volume Solids	37±2%, catalyzed and reduced 32 oz.
VOC's	225 g/l, or less; catalyzed and reduced
Recommended WFT	5 Wet Film Thickness
Coverage	Actual: Approx. 300-350 SF per kit @ 3-4 mils WFT, smooth surface
Induction Time	No Induction Time
Pot-Life	2 to 3 hours—depending on conditions
Shelf Life	One year

PACKAGING OPTIONS

	One Gallon Kit	Half Gallon Kit
Part A	5.18 lbs	2.59 lbs
Part B	16 oz	8 oz
Reducer	32 oz	16 oz

MIXING INSTRUCTIONS

1. Choose reducer, according to drying conditions of environment. Measure desired quantity, according to required drying results, set aside.
2. Open Part A. Stir Part A, thoroughly, to mix in any settling that may have occurred. Pour Part B into Part A, be sure to pour out as much of Part B as possible from the can. Stir thoroughly, mixing in a circular motion vigorously; continually scraping sides and bottom of container.
3. Immediately following thoroughly mixing Part A and B together, stir in the measured reducer. Note: It is critical to immediately reduce the system. Delay will cause excessive foaming during application.
4. When mixing the Reducer into Part A and Part B continually scrap the sides and bottom of the container.
5. Pour catalyzed and reduced Premier HD into application tray.

APPLICATION INSTRUCTIONS

Apply Premier HD with Praetorian's premium quality 3/8" roller cover. Properly strip (factory finish or existing finish), clean, rinse, and neutralize composite floor surface. Apply one coat of Premier HD Sealer to surface. Allow floor to dry completely, approximately 30-45 minutes, depending upon environmental conditions. Follow mixing proper mixing instructions. Roll out Premier HD to surface. For optimal film formation and dry times, apply at 3-4 mils WFT (Wet-Film-Thickness), Allow to dry 4-5 hours, depending upon temperature, humidity and air flow, before light foot traffic. Full cure is achieved in 3-4 days.

REDUCTION VARIATIONS

Premier HD One is designed to perform in average conditions and in some of the most adverse conditions. All ends of the spectrum, regarding environmental conditions can be equally troubling: humidity and/or dew points; high or low; temperature that are too high; air movement that cannot be controlled. Resulting rescheduling jobs; poor dry film appearance (blushing/haze or wrinkling). The proper reducer selection in adverse situations can help to ensure a quality finish. Reduce the Premier HD at least 32oz., for best leveling. Additional levels of reducer may be added, up to 40oz, in order to better control WFT or poor drying conditions, due to air movement.

- Standard Reducer—for 'average' dry conditions; room temperature (65-74°F) & humidity (between 30-60% RH). Suitable in 'light' air flow situations.
- Slow Reducer—for use in situations of extremes; high temperature (above 75°F); low humidity (below 30%); and/or uncontrollable air flow.