

ECSI Premier Finish Mattigloss

Environmental Consulting Solutions INC

PRODUCT CHARACTERISTICS

Premier HD is a superior, 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.

Premier HD Matte was especially developed for a "soft look" on the floors. It is very suitable in areas where:

- ⇒ Lower light reflection from overhead or wall lights is desired.
- ⇒ Aesthetically a softer appearance is needed.
 - ⇒ Nursing Homes
 - ⇒ Hallways
- ⇒ Textured surfaces
- ⇒ Where floors previously have been badly damaged.

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 Slow-Lo Reducer
- Air Movement—Very tolerant to air movement, does not distort finish when matched with the proper reducer

TECHNICAL DATA

Gloss	20-30° @ 60° angle
Dry Time	Light Touch 1.5—2 hours 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 floor do not need a new coat for one year, or longer
Volume Solids	37±2%, catalyzed and reduced 32 oz.
VOC's	225 g/l, or less; catalyzed and reduced
Recommended WFT	4-5 Wet Film Thickness
Coverage	Actual: Approx. 300-350 SF per kit @ 3-4 mils WFT, smooth surface
Induction Time	No Induction Time
Pot-Life	Over 3 hours
Shelf Life	One year

Premier HD Matte.....for areas that require a 'non-glare type' finish

PACKAGING OPTIONS

	One Gallon Kit	Half Gallon Kit
Part A	5.6 lbs	2.8 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 that reasonably empty 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

Praetorian's premium quality 3/8" roller cover for application. Properly strip (factory finish or existing finish), clean, rinse, and neutralize composite floor surface, repeat as needed. If desired, 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 4-5 mils WFT (Wet-Film-Thickness). Allow to dry 4-5 hours, depending upon temperature, humidity and air flow, before light foot traffic. For faster 'in-service' times, light to moderate air flow may be added after one hour, to decrease dry times. It is typical with the lower sheen finishes to take 2-3 days for the finish to even out in appearance. Full cure is achieved in 3-5 days.

REDUCTION VARIATIONS

Premier HD 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 34oz., 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 25-70% RH). Suitable in 'light' air flow situations.
- Slow Reducer—for use in situations of extremes; high temperature (above 78°F); low humidity (below 10%); and/or uncontrollable air flow.