

## PRODUCT CHARACTERISTICS

Premier HD is the superior aliphatic 3-component urethane for resilient floor surfaces. Premier HD is low in odor, low VOC, and resistant to yellowing; providing extreme longevity of finish. Frequent burnishing, stripping, recoating are not required. Premier HD is extremely tolerant to day to day foot traffic such as marring, scratching, and abrasion. Average length for reapplication of Premier HD is approximately 12 to 18 months in moderate to high traffic areas. Premier HD will enhance the appearance and durability of the surface far beyond the expectations of traditional 'wax-type' acrylic finishes. Potentially thousands of dollars annually can be saved using Premier HD, thus allowing maintenance personnel to concentrate efforts in other needed areas. Premier HD will provide a faster turn time in service foot traffic than traditional acrylic 'wax-type' or UV finishes. Standard 'in service' time on floors will be faster than applying four coats of 'wax', with the appearance of 6 to 10 coats:

- Leveling—Levels immediately upon application.
- Out-gassing—Tolerant to out-gassing up to 6-7 mils WFT.
- Wet-Edge—Long initial open time, can wet roll back into product as much 10 to 15 minutes after application.
- Gloss hold-out—Excellent gloss hold out; including in traffic areas.
- Scratch Resistant—Extreme resistance to scratching, setting the industry standard.
- Blushing—Very blush resistant when using either reducer system.
- Shelf-life—Viscosity & pH stable for one year.
- Air Movement—Very tolerant to air movement; for optimum finish results when environmental conditions are matched with the proper reducer.

## TECHNICAL DATA

<b>Gloss</b>	90°+ @ 60° angle
<b>Dry Time</b>	Light Touch: 2-3 hours Light Traffic: 4-6* hours—light positive air flow may be added to decrease times, for faster in service time. *Results may vary due to atmospheric conditions.
<b>Hardness @ Full Cure</b>	Full Cure: 3-5 days 6H—8H Scratch on VCT 9H—Gouge on VCT
<b>Depth-of-Image (DOI)</b>	Excellent
<b>Moisture Resistance</b>	Excellent One (1) hour, closed cup, spot test: Overnight Dry; Minor Haze, Full Recovery Full Cure: No Effect
<b>Slip COF</b>	Above 0.60, meets and exceeds ADA standards.
<b>Scratch Resistance</b>	<i>Extreme Durability</i>
<b>Mar Resistance</b>	Excellent. Most floors do not need a new coat for one year (or longer) with proper daily microfiber system cleaning.
<b>Volume Solids</b>	40±2%, catalyzed and reduced 32 oz.
<b>VOC's</b>	200 g/l, or less; catalyzed and reduced.
<b>Recommended WFT Coverage</b>	5 Mils Wet Film Thickness Actual: Approx. 300-350 SF per kit @ 3-4 mils WFT, smooth surface
<b>Induction Time</b>	No Induction Time: Catalyze and reduce immediately.
<b>Pot-Life</b>	2 to 3 hours—depending on environmental conditions
<b>Shelf Life</b>	One year

# Premier Finish gloss

## PACKAGING OPTIONS

	One Gallon Kit	Half Gallon Kit
Part A	4.5 lbs	2.25 lbs
Part B	16 oz.	8 oz
Reducer	32 oz	16oz.

## MIXING INSTRUCTIONS

1. Choose reducer, according to drying conditions of the environment. Measure desired quantity according to required drying results and set aside.
2. Open Part A. Stir Part A thoroughly, mixing in any settling that may have occurred in package. Pour Part B into Part A, being 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 and viscosity
4. When mixing the Reducer into Part A and Part B continually scrape the sides and bottom of the container.
5. Pour catalyzed and reduced Premier HD into application tray.

## APPLICATION INSTRUCTIONS

Use ECSI's premium quality 3/8" roller cover for application. Properly remove all factory finish or existing finish. Clean, rinse, and neutralize composite floor surface, repeat as needed. If desired, apply one to two coats of Premier Sealer to surface. Allow floor to dry completely, approximately 45 minutes, depending upon environmental conditions. Follow proper mixing instructions. Roll out Premier HD to surface. For optimal film formation and dry times, apply at 5 mils WFT (Wet-Film-Thickness). Allow to dry 6 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 2.5 hours to decrease dry times. Full cure is achieved after 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; elevated temperatures; uncontrollable air movement. This can result in rescheduling jobs and/or 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 30-80% RH). Suitable in 'light' air flow situations.
- Low Humidity Reducer—for use in situations of extremes; high temperature (above 78°F); low humidity (below 30%); and/or uncontrollable air flow.