

ECSI

Environmental Consulting Solutions INC

LaMellaTM Finish

Product Characteristics

LaMella Ceramic Floor Finish is a three-stage process that involves deep cleaning the surface, followed by etching the baked on finish of the ceramic, followed by the LaMella topcoat. LaMella is low in odor, low VOC, and resistant to yellowing; providing the protection that is needed in the harshness of extremes of restroom floors. Recoating is not required. LaMella is extremely tolerant to day to day foot traffic such as marring, scratching, abrasion and the harsher chemicals used in restroom maintenance. LaMella will enhance the appearance and durability of the surface far beyond the expectations of traditional floor care.

- 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

Gloss	90°+ @ 60° angle
Dry Time	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.
Hardness @ Full Cure	Full Cure: 3-5 days 6H—8H Scratch on VCT 9H—Gouge on VCT
Depth-of-Image (DOI)	Excellent
Moisture Resistance	Excellent
Slip COF	One (1) hour, pass
Scratch Resistance	Above 0.60, meets and exceeds ADA standards.
Mar Resistance	<i>Extreme Durability</i> Excellent. Most floors do not need a new coat for one year (or longer) with proper daily microfiber system cleaning.
Volume Solids	40±2%, catalyzed and reduced 32 oz.
VOC's	Less than 7% by weight
Recommended WFT	5 Mils Wet Film Thickness
Coverage	Actual: Approx. 300-350 SF per kit @ 3-4 mils WFT, smooth surface
Induction Time	No Induction Time: Catalyze and reduce immediately.
Pot-Life	2 to 3 hours—depending on environmental conditions
Shelf Life	One year