

PI.026 - QUICK NOTES: Base/Skim, Bond and Broom Coat

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The following guide is designed to assist the experienced trained and certified installer with the application of a base/skim coat (first coat before all cementitious applications), bond coat (the wet coat between a skim coat and a thin stamp coat) or broom coat (the coat applied to a base/skim coat that is to be broomed). Before the application of a base/skim coat, bond coat or broom coat please read and understand the Product Information Sheets, Technical Data Sheets and Safety Data Sheets pertaining to all of the products to be used. Improper preparation, application or understanding of other important variables may result in job failure and/or personal injury.

Primary Product	THIN-FINISH™ Pre-mixed Overlay
Secondary Products	<ul style="list-style-type: none"> • PORTION CONTROL COLORANT™ (PCC) - For integral coloring. • SYNTHETIC PRIMARY PIGMENT™ (SYPP) - For integral coloring. • Various sealers & clear coatings – See TD.414 - Technical Data for sealer options.
Description	A cementitious, polymer modified, coating for use on concrete surfaces. Typically installed at an average thickness of 1/32” to 1/16”.
Designed for	<ul style="list-style-type: none"> • Surface restoration of nearly any stable concrete surface. • Adding a non-slip texture to any stable concrete surface when a broom finish is installed. • Interior or exterior concrete. • Driveways, parking garages, pool decks, sidewalks, patios and more. • Interior or exterior.
Advantages	<ul style="list-style-type: none"> • The finished look, feel and wear of conventional concrete with added resistance to salt, oil, UV and extreme weather. • Safe, non-hazardous, VOC compliant and user friendly. • Less expensive than tearing out and replacing the concrete.
Disadvantages	<ul style="list-style-type: none"> • NOT designed as a “crack repair” solution.
Material Cost	Average material cost: <ul style="list-style-type: none"> • Base/Skim coat - \$0.14 to \$0.18 per square foot per coat. • Bond coat - \$0.14 to \$0.18 per square foot per coat. • Broom coat - \$0.14 to \$0.18 per square foot per coat.

- Typical application begins with proper substrate preparation. Once the surface has been sufficiently cleaned and prepared, THIN-FINISH™ can be applied with a suitable squeegee or trowel. For base/skim and bond coats, apply the material as thin as possible. For broom coats, a thin and even coat is required to create the finish.
- See bag for mixing and water amount instructions.
- For skim, bond or broom coats, the surface must always be wet/damp with no puddling water. This is critical to achieve optimum adhesion to the host substrate. When applying the material, do not squeegee or trowel out the material to a dry edge unless completing the substrate section. To prevent this, always have more material mixed that what is required for the job and never run out of material while squeegeeing or troweling until the end of the substrate is reached.
- When applying a second base/skim, bond or broom coat, it is critical to wait until the first coat is dry. A good test is to attempt to apply a piece of masking tape. If the tape is reluctant to achieve good adhesion to the surface, chances are it still contains too much moisture. If you do not allow sufficient dry time, the second coat may wet the un-dry first coat and cause surface failure. Sufficient dry time could range from 30 minutes outdoor in direct sunlight to a few hours indoors in high moisture areas.
- If a consistent color shade is required (typically on a broom coat), it is important to be uniform in the application of the misting water. Dry areas and puddled water may create slight discoloration in final sealed finishes. It is best to use a pump up type sprayer rather than a hose and mist the water as you go for the most even results.
- If a colored finish is required, use PCC or SYPP and follow the instructions on the bottle.