STEALTH COAT

STEALTH COAT - is a high-solids, indoor/outdoor hard-surface sealer tailored and designed as a premium product often times utilized in high-end applications such as hotels, resorts, medical facilities, spas, etc. while also being used to deter abuse of polished concrete and stone, as well as polyaspartic/flake systems from caustic materials and general wear and tear. With ease of use, STEALTH COAT can be applied to most stone (granite, travertine, quartz, etc.), tile, terrazzo, polished-concrete, etc. Much like our single-component and three-component systems, STEALTH COAT is applied via spray and mop. But because it is so much thinner, the application is typically much easier and far more forgiving of interactions with other guards and sealers. This system boasts an almost invisible protective finish. It is important to note that this product does not impact your finish in any way. If your surface is satin, it will remain satin. If your surface is high-gloss, it will remain high-gloss. Meaning, your mechanical polish will remain intact without looking like a coating. Please note however, because this product is virtually invisible, it will not hide gouges, scratches and imperfections. Therefore, the only way that this product can be used over metallic or neat-style epoxy systems is if; 1. There are absolutely no alterations or sanding. 2. The epoxy is given the ability to fully chemically cure. 3. The desired finish of the epoxy is satisfactory. The most common uses for this product are; 1. Polished-concrete > 800 grit finish. 2. Polyaspartic systems. 3. Surfaces in which sheen is not to be altered.

INSTRUCTIONS FOR USE:

1. SURFACE PREP & CLEANING:

It is pertinent to ensure proper surface preparation before applying STEALTH COAT. As with all BallistiX products, your surface must be thoroughly cleaned. Clean your surface using an appropriate cleaner, such as BallistiX OBLITERATE. Once your surface is cleaned and completely dry, wipe the surface with ISOPROPYL 99 just prior to applying STEALTH COAT. The cleaning and surface prep process is imperative to ensure a proper covalent bond. ***Your installation will likely fail if this step is not done properly.***

2. MIXING:

STEALTH COAT is a two-component product that consists of a PART A and a PART B and must be properly mixed prior to application. STEALTH COAT boasts a “shake-and-go” mixing process that provides an ease of use, even for the novice installer. Begin by removing both bottle caps along with their argon gas seals. ***NOTE: Once seals are broken, POT life begins. Products must be mixed directly after opening.*** Carefully pour entire contents of PART B bottle into PART A bottle. Tighten PART A bottle cap and shake combined parts for roughly 30 seconds. While this process is relatively straight-forward, it is vital. Contents of each part is pre-measured and should be combined in their entirety and shaken thoroughly to ensure proper catalyzation.

3. APPLICATION:

As with other BallistiX products, it is advised to use two people for the application process; one person spraying while the second person mops.

Begin by pouring catalyzed product into your pump-up sprayer and priming the sprayer. Next, soak your microfiber mop head with STEALTH COAT. ***NOTE: You do NOT want to mop your surface with a dry mop head!*** Working from wall-to-wall in straight lines, spray an even mist of STEALTH COAT on the surface keeping spray-tip roughly 2’ from surface. Directly behind the sprayer, using a pre-soaked microfiber mop, mop from wall to wall without lifting mop head or changing directions. Continue this process working your way OUT of the room, periodically stopping to check your work. ***NOTE: The mopping process is not intended to SPREAD the product. It is simply to assist the product in laying down flat. Remember not to lift the mop head or use any back and forth mopping motions as this will cause mop-marks and other various blemishes.***

NOTE: STEALTH COAT is not designed to be installed over cheap solvent-based products as it may re-emulsify and soften the coating. There are some approved sealers that are compatible. Reach out to BallistiX to discuss compatibility and performance.

SPECIFICATIONS:

Type: Organosilicone Silane Hybrid
Thickness: 1 - 2 mils (wet) / < 1 mil (dry)
Application Method: Spray and Mop
Staining Sponge Solvent: Isopropyl 99%
Cleanup: Isopropyl 99%
POT Life: 24 Hours
Shelf Life: 1 Year
Touch Time: 2 Hours
Walk Time: 8 Hours
Chemical Cure Time: 7 days
Re-Coat Information: N/A
Storage/Substrate Temperature: 73° F
Humidity: < 50% RH
Substrate Moisture: < 9
PH Range: 6 - 8

Product Yield: Non-porous: 1000-1200 sf / Porous: 300-600 sf

Removal & Remediation of Product: Mechanical removal during chemical cure phase dependent upon underlying substrate. Liquid/chemical removal by BallistiX Silane Stripper.

LAB TESTING & DATA

Abrasion - **ASTM D3363**: Wolf-Willborn Test up to 9H, our testing only tests 5H+. This product maxed test.
Dry Time - ASTM D5895-20: 3x faster than BallistiX SQUIRE
Bend Test - ASTM D522: Pass, extremely flexible
Adhesion by Force - ASTM D4541: No coating adhesion failure
Chemical Resistance - ASTM D543/D1308: Rated good with zero penetration - Acetone, xylene, MEK, Tert-butyl Acetate, Mineral Spirits, Sodium Hydroxide, Ammonia, 1M Acetic Acid, 0.1 m Sulfuric Acid, 1 m Hydrochloric Acid, Hydraulic Fluid.

Weathering - ASTM G154: TBD
Fungal & Microbes - ASTM G21: TBD
Corrosion - ASTM B117: TBD
Pull Strength - ASTM D4541: 2.9 psi for 24 hours