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TECHNICAL DATA SHEET

Product Description: Single Component Coating

BALLISTIX SC is a clear, high solids, single component coating easily applied to large application by use of wiping, rolling, or spraying. The non-porous, inorganic coating will not support the growth of microbes or fungi.

Suggested Uses:

Exceptional abrasion and chemical resistance properties when applied onto ceramic or porcelain hard tile & grout (vertical & horizontal), epoxy & concrete terrazzo, pavers, bricks, slate, concretes, epoxy, and stone.

Surface Preparation:

The surface to be coated must be clean, dry and free from dirt, oily residue, grime, loose oxidation, spores (mildew) or any other surface contaminate that could affect product performance. It is imperative to fully and completely clean the surface, as BALLISTIX SC adheres by covalent and mechanical bonding and must gain intimate contact with the surface. Clean the surface of the floor by liberally applying a surfactant cleaner, making sure to remove all residue of the cleaner by flushing vigorously with water. After the surface is dry, wipe the surface with isopropyl or denatured alcohol prior to coating application.

Application of BALLISTIX COUNTER ATTACK:

GENTLY SHAKE CONTAINER FOR 15 SECONDS BEFORE INITIAL USE, AND EACH TIME THE RECAPPED BOTTLE IS OPENED.

Roller: Use a short nap adhesive or mohair roller cover with a solvent resistant core. Pick up a small amount of material into the cover and gently apply using a series of one directional roller strokes. Avoid over rolling the material and avoid working back into partially set material. Maintain a functional working wet line during application and roll to natural breaks. Always mask, and protect surfaces not to be coated.

Brush: Small surface areas or cut in edges can be blended in using a natural hair bristle brush or disposable foam applicator provided the initial application is still freshly wet. This may only be within several minutes in outdoor applications.

Spray: Follow spray equipment instructions and use a small tip capable of laying down approximately 1 to 1.5 mils wet on a non-porous surface. On porous surfaces ensure reasonable penetration. **Do Not Apply:** if rain, fog or heavy dew is imminent within 12 hours of product installation. **Do Not Apply:** if the temperature will drop below 50° F or rise above 95° F at any time during application or within 12 hours of product installation.

BALLISTIX SC is a single coat application, and the product is chemically designed to not stick to itself. Therefore, this coating cannot be over coated. When first applying the product, if the desired effect is not reached then wash the coating off with denatured alcohol before it is dry and then re-coat. When it comes time to apply a new coat of BALLISTIX SC due to wear and tear, simply agitate the surface with a black pad or a green Scotch Brite pad for small areas to touch-up/repair.

Safety Requirements:

Warning: Alcohol vapors are flammable. No smoking or hot work in confined or poorly ventilated areas. Methanol vapors are hazardous. Assure sufficient ventilation and wear PPE 9 respirator. Protective eye wear, with side shields and protective gloves are also required when using BALLISTIX SC. See SDS below.



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Clean Up:

Application tools and spray equipment should be cleaned with 100% pure denatured alcohol. Flush the pump, hose, pressure pot and gun thoroughly until all product has been cleaned from the spray system. Remove the tip and nozzle and clean thoroughly before replacing onto the gun. Clean up drips, spills or over spray with 100% pure denatured alcohol before the product dries. Always dispose of alcohol-saturated cloths in a safe and proper manner. During clean up/containment, wear protective clothing. Disposal of collected product, residues and clean up materials may be governmentally regulated. Observe all applicable local, state and federal waste management regulations. Mop, wipe or soak up with absorbent material and contain for salvage or disposal. For large spills, provide dikes or other appropriate containment to keep material from spreading. Clean any remaining slippery surfaces by appropriate techniques, such as, clean water hosing, high-pressure power washing or steam cleaning.

Product Yield:

Approximately 750+ft² per gallon, or approximately 300 ft² for porous surfaces such as pavers and concrete, depending on application method, surface texture, and porosity. Actual field conditions and applications methods will dictate the final product yield.

HANDLEABILITY AND APPLICATION:

Pot Life:

Shelf Life:

Film Thickness: 1 -1.5 mils wet

Curing Conditions: 5 days @ 75° F (25° C) and 50% R.H.

Dry Time: Tack: 1-1.5 hours **Light Use:** 3 Hours **Full Cure:** 5 days

SYSTEM PERFORMANCE (Typical Data):

BALLISTIX SC product performance testing is performed by accredited, third-party testing laboratories in full compliance with each particular ASTM or ISO Testing Protocol.

- ASTM B 117 Salt Chamber Test – 20,300 hours
- ISO 16773-3 EIS Barrier Test – 8.19 log Z ohms
- ASTM G 21 Fungal Growth Test– Rated Zero (0) Growth
- ASTM D3363 Pencil Hardness Test – 9H
- ASTM G 154 UV/Accelerated Weathering Test – no cracking, no erosion, no oxidation
- ASTM D3359 Cross Hatch Adhesion – 5B adhesion