

BALLISTISEAL ADVANCED

TECHNICAL DATA SHEET



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1 - PRODUCT DESCRIPTION

BallistiSeal ADVANCED is an ultra-hard, proprietary polyester blend with two components, which, once mixed and shaken, is ready to use. This high-gloss, low-VOC mixture exhibits exceptionally high cross-linking density, which creates superior chemical and mechanical resistance and allows for multiple coats if desired. BallistiSeal ADVANCED can be a standalone topcoat or paired with our other BallistiX products. This topcoat can be applied to various surfaces, including tile and grout, concrete, epoxy, stones, plastic, and more. The benefits of BallistiSeal ADVANCED include the following:

- Low VOC
- Interior or Exterior
- Non-hazardous
- Easy to work with
- Long lasting covalent bond
- Water soluble
- Easy to clean up with water
- Dries quickly
- Fast cure
- Highly chemical resistant
- Fast onset water resistant
- Easy to repair

2 - SUGGESTED USES

BallistiSeal ADVANCED is an ultra-hard topcoat for kitchen floors, countertops, backsplashes, extensive warehouse facilities, schools, medical offices and facilities, and interior and exterior surfaces within luxury hotels, restaurants, and residential homes. We recommend pairing BallistiSeal ADVANCED with a second BallistiX product for an even stronger protective coating. BallistiSeal ADVANCED is recommended for various substrates, including tile and grout, concrete, epoxy, stones, metal, wood, plastic, and more. It can be applied as a topcoat over almost all solvent-based paints and coatings. For outdoor patios, garages, bathroom floors, and showers, we recommend pairing them with our non-slip additive. NOTE: BallistiSeal ADVANCED can be applied in multiple layers without scuffing or sanding between coats.

3 - APPLICATION INSTRUCTIONS:

Step 1: Prepare

The surface to be treated must be clean, dry, and free from any dirt, oily residue, grime, loose oxidation, spores (mildew), or any other surface contamination that could affect product performance. It is imperative to fully and completely clean the surface, as BallistiSeal ADVANCED adheres via a covalent and mechanical bond with the surface. Clean the surface of the substrate by liberally applying a surfactant cleaner and then remove all residue of the cleaner by flushing vigorously with water. After the substrate is completely dry, wipe the surface with isopropyl before application. If going over epoxy, be sure epoxy is done off-gassing and is fully cured.

Step 2: Mix

BallistiSeal ADVANCED comes with two components ready to use once mixed and shaken. BallistiSeal ADVANCED is pre-measured and pre-packaged under argon gas. Once opened and exposed to the atmosphere, the two components of the sealer must be mixed and catalyzed. Remove the caps and seals from both bottles and carefully pour the contents of Part (B) into the bottle labeled Part (A). As the contents are pre-packaged in exact amounts for proper catalyzation to occur, it is vital to empty the entire contents of Part (B) into Part (A) and not spill Part (B) during the process. Replace the cap on the bottle labeled Part (A) and shake for 10-20 seconds to mix correctly.

Step 3: Apply

Roller: Always mask and protect surfaces not to be coated. The preferable application method for BallistiSeal ADVANCED is to be sprayed and then rolled. Use a short nap adhesive or mohair roller cover with a solvent core. 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.

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4 - MAINTENANCE

For maintenance and best protection, we recommend the following:

- Remove debris from substrate daily
- Vacuum, sweep, and/or dust mop daily
- Mop floors then rinse with hot water and allow to dry
- Never use harsh cleaning chemicals
- Never apply other coatings to surface
- Never buff with red or black pads

5 - CLEAN UP

Clean equipment immediately after use with water.

6 - IMPORTANT: SAFETY REQUIREMENTS

CONSULT THE (SDS) SAFETY DATA SHEET AND READ INSTRUCTIONS PRIOR TO USING THIS PRODUCT.

7 - WARRANTY

No warranty is expressed or implied for suitability in all systems and operations. Test thoroughly on a small surface before completing the application. The manufacturer's liability is limited to the replacement of the product. It is the purchaser's responsibility before using this product to test and confirm under their conditions and to determine whether the product is suitable for their purposes.

8 - PRODUCT YIELD

The yield of BallistiSeal ADVANCED varies with substrate condition and application method. The yield can be as high as 800 sq. ft. per gallon on non-porous surfaces and as low as 350 sq. ft. per gallon on porous surfaces. Actual field conditions will dictate product yield. Below is a guide:

- If applied over a non-porous substrate – 600 - 800 sq. ft.
- If applied over a porous substrate – 350 - 550 sq. ft.

9 - HANDLEABILITY, MIXING AND APPLICATION SPECS:

Pot Life: 7 days – keep cap on bottle tight.
Film Thickness: 2 - 3 mils wet.
Curing Conditions: @ 73°F (23°C) and 50% R.H.
Dry to Touch: 45 minutes with airflow.
Dry Through: 6 hours with airflow.
Full Cure: 3 days.

10 - SYSTEM PERFORMANCE (TYPICAL DATA)

Appearance: Light milky white/irrescent liquid.
Odor: Paint like.
DOT Hazardous ingredients: Not regulated.
Tensile Strength: >4,850 PSI.
Elongation: 50%.
Solubility in water: Yes.