PRODUCT DESCRIPTION: XPS Ceram-X
XPS Ceram-X is the ultimate, professional grade, ready to use sealer for concrete, epoxy, natural stone, and all tile and grout substrates. XPS Ceram-X is the most technologically advanced ready to use sealer on the market, and it does not change the level of polish/sheen of the treated substrate. In a way, XPS Ceram-X, reacts as a chameleon and mimics the original polish/sheen of the substrate it is applied to. The benefits of XPS Ceram-X include:

- Does not change the level of polish/sheen
- Interior or Exterior
- Repels dirt
- Stain resistant
- Long lasting
- Easy to work with
- Dries quickly
- Fast cure
- Highly chemical resistant
- Heat resistant

SUGGESTED USES:
XPS Ceram-X is recommended for all natural stone surfaces, concrete, epoxy, and tile and grout surfaces. XPS Ceram-X is the ultimate ready to use barrier shield for outdoor patios, driveways, garages, kitchen floors, backsplashes, bathroom floors and showers, large warehouse facilities, schools, interior and exterior surfaces within luxury hotels, restaruants and residential homes.

INSTRUCTIONS:

Step 1: Prepare Surface
The surface to be treated with XPS Ceram-X 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 XPS Ceram-X adheres by a covalent and mechanical bond with the surface. Clean the surface of the substrate by liberally applying a surfactant cleaner and then making sure to remove all residue of the cleaner by flushing vigorously with water. After the substrate is completely dry, wipe the surface with isopropyl or denatured alcohol prior to application.

Step 2: Apply XPS Ceram-X
XPS Ceram-X comes with two componets that once mixed and shaken is ready to use. XPS Ceram-X 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 in their entirety. Remove the caps and heat seals from the two 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 to spill Part (B) during the process. Replace the cap on the bottle labeled Part (A) and shake for 10-20 seconds to properly mix.

Step 3: Application of XPS Ceram-X
A minimum of a two-person team is recommended for the entire application process – one person spraying the XPS Ceram-X onto the surface and the other person gently pulling the microfiber pad.

1. Fill a HVLP gun (vertical substrates) or pump-up sprayer (horizontal substrates) with the catalyzed product along with a conical spray tip.
2. Pre-spray a microfiber pad liberally with XPS Ceram-X.
3. Evenly spray XPS Ceram-X onto the floor substrate in a circular motion, two-feet off of the floor.
4. Immediately following the sprayer (first person), use a flat microfiber mop (second person) to spread XPS Affinity evenly onto the floor substrate.

Once spraying starts, do NOT lift the microfiber pad at any time and do NOT use a figure 8 motion with the pad. Always start by spraying a workable area that allows a wet edge (three feet deep area from wall-to-wall) to be maintained during the application. Apply XPS Ceram-X in straight lines moving from wall-to-wall, from left to right, pull back to next row ¾ of the width of the pad so that ¼ of the pad overlaps the previously applied row and return pull from right to left. Work your way out of the room. **NOTE:** Do NOT lift the pad off the ground or use figure 8 motion.

MAINTENANCE:
For maintenance and best protection, we recommend the following:

- Daily remove debris from substrate,
- Daily vacuum, sweep and/or dust mop substrate,

- Daily mop floors with hot water mixed with Safety Clean, as directed, then rinse with hot water and allow to dry,

- Never use harsh chemicals or equipment,
- Never apply other coatings to surface, and
- Never use red or black pads.

CLEAN UP:
Clean equipment immediately after use with 99% Isopropyl alcohol or 99% Denatured alcohol.

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

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

PRODUCT YIELD:
The yield of XPS Ceram-X varies with substrate condition and application method. The yield can be as high as 650-700 sq. ft. per gallon on non-porous surfaces and as low as 200 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 – 650 - 700 sq. ft.
- If applied over a porous substrate – 200 sq. ft.

HANDLEABILITY, MIXING AND APPLICATION:
Pot Life: Approximately 6 hours after fully catalyzed.
Film Thickness: 1- 2 mils wet.
Curing Conditions: @ 73°F (23°C) and 50% R.H. - Dries in as little as 30 min. (Dry time may vary depending on temperature)
Dry to Touch: 2 hours. - (Dry time may vary depending on temperature)
Dry Through: 8 hours. - (Dry time may vary depending on temperature)
Full Cure: 7 days. - (Dry time may vary depending on temperature)

SYSTEM PERFORMANCE (Typical Data):
Appearance: Clear Liquid.
Odor: Alcohol.
pH in use dilution: Not available.
DOT Hazardous ingredients: UN1993 Flammable liquids, n.o.s. (Methyltrimethoxysilane), Class 3, PG II. Vapor pressure (mm/hg): Not available.
Initial boiling point: > 35 °C (95 °F).
Solubility in water: No.
Flash point: < 21 °C (70 °F).