

Hermetix Protector

colloidal silica concrete protector/sealer

DESCRIPTION

Hermetix Protector is a colloidal silica based concrete protector/sealer. It enhances the densified concrete surfaces. It also improves the surface hardness through colloidal silica reaction during application. It reduces liquid penetration, enhances color, increases gloss reading and improves slip resistance of polished concrete surfaces.

ADVANTAGES

- Hermetix has more reactive sites, so it goes to work quickly, within 1-2 minutes
- Increases stain resistance
- Improves slip resistance or traction
- Enhances color
- Increases gloss
- It can be burnished
- Multiple applications without stripping the previous coats

TYPICAL APPLICATION AREAS

- Big box stores
- Warehouses / Distribution centers
- Shopping malls / Retail stores
- Factory floors
- Public buildings, schools
- Government and Private office buildings
- Residences - Lofts, studios, contemporary living spaces

SUBSTRATE REQUIREMENTS

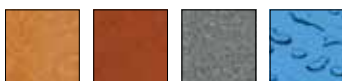
- Surface must be clean and structurally sound, and must be clear of membrane forming curing compounds, oils, dust and other surface contaminants that will prevent the Hermetix Protector from having full contact with the concrete.
- Do not use acidic or aggressive detergents when cleaning before or after application of the Protector.

COMPOSITION

- Amorphous silicon dioxide (SiO₂)

COLOR SELECTION

- Hermetix Protector is available in CLEAR formulations only



PHYSICAL PROPERTIES

Appearance	Milky White
VOC Content	25g/L (Very low VOC)
Active Ingredients	100% of total solids
pH Value	10-11
Freeze Point	32°F

APPLICATION METHOD

1. Hermetix Protector is designed to be mixed 1:1 with clean potable water. If the surface is highly porous, it is applied without dilution. If diluted, mix, agitate and stir well for homogenous mixing.
2. Apply Hermetix Protector using a pump sprayer. Use either a fan tip or a cone tip for even spraying. Micro fiber or flat cotton pad applicators are used to spread the product evenly on the surface. Dampen the micro-fiber or flat cotton pad with the Protector before spreading the material around using a figure eight motion.
3. Keep a wet edge between the sprayer and application pad at all times. Do not allow dry lines or puddling.
4. Allow the Hermetix Protector to become tack free before applying a next coat or high speed burnishing.
5. High speed burnishing using a diamond-impregnated or hogs hair pad will enhance the gloss and clarity of the surface. Allow 12 hours before light foot traffic and 24 hours before heavy traffic. Do not allow standing water to remain on the surface for a minimum of 72 hours.

CLEAN UP

Tools can be cleaned with luke warm water. Consult SDS for safety and health precautions.

COVERAGE

One gallon of Hermetix Protector will cover 1200–1500ft² per coat after mixing with clean potable water @ 1:1.

AVAILABILITY

Hermetix is available throughout the United States and Canada. Contact Düraamen representative in your area for details.

MAINTENANCE

Hermetix Protector is a sacrificial layer requiring periodic re-application when needed. It provides temporary protection from staining and etching agents but it will not seal or prevent staining indefinitely. Spills must be removed in a timely manner to assure complete protection of the floor finish.

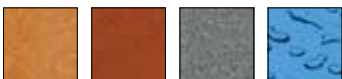
Floors treated with Hermetix Protector should be cleaned with neutral cleaners. Use of aggressive cleaning products will cause damage.

TECHNICAL SERVICE

Duraamen Engineered Products, Inc. provides services and consultations on material selection, specification, troubleshooting, and other information on the proper repair and protection of concrete surfaces.

WARRANTY

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