



PROTEC 7

Concrete Dust-proofing and Strengthening Product

DESCRIPTION

A single-component, silane-siloxane modified, acrylic polyurethane-based concrete protection system with high penetration properties, providing a transparent wet-look finish that enhances dust resistance and high mechanical strength.

APPLICATION AREAS

All types of old deteriorated, and dusting concrete surfaces, freshly poured and 28-day cured, trowelled or non-trowelled concrete surfaces

- Concrete surfaces with capillary shrinkage cracks
- Production areas of factories
- Outdoor concrete surfaces
- Indoor and outdoor parking areas
- All areas with concrete surfaces
- Protection and durability enhancement of all cement-based surface coatings

PRODUCT FEATURES

- Ready to use, easy to apply,
- High penetration capability
- Resistant to harsh weather conditions and harmful UV rays
- Forms a water-repellent surface due to its silane-siloxane modification
- Provides protection against alkaline and acidic stains
- Creates a hard and durable surface, preventing surface abrasion
- Enhances the decorative and aesthetic appearance of surfaces
- Leaves a slightly wet-look effect on applied surfaces
- Prevents dirt accumulation on concrete surfaces and creates easy-to-clean glossy surfaces
- Has no adverse effects on the physical properties of treated surfaces
- Protects treated surfaces from the effects of heavy or light traffic, forklifts, and pallet jacks

TECHNICAL SPECIFICATIONS

Colour	Transparent
Appearance	Glossy
Thinner	Ready to use
Density	0.95 g/cm ³
Consumption	Depending on surface roughness and absorption, application rate per coat is 100 g – 250 g/m²
Packaging	4 kg, in 15 kg tin containers
Application Methods	Brush, roller, pneumatic, or airless spray gun
Application Temperature	+5°C / - + 30°C
Shelf Life	1 year
CuringTime	Full drying: 24 hours
Equipment Cleaning	Cellulosic Thinner

SURFACE PREPARATION

The surface to be treated must be free from oil, dirt, rust, dust, and all kinds of residues. In the case of old and new concrete surfaces, if necessary, polishing with special diamond tools and pad polishers may be required.

APPLICATION CONDITIONS

It is ready to use. At least two coats should be applied on highly absorbent and textured surfaces, with a minimum of one **hour** between each coat. The full performance of the product should be tested **after 24 hours**.

SAFETY

For indoor applications, proper ventilation must be ensured. During the application, smoking should not be allowed, and solvent vapor should not be inhaled. Following the safety warnings on the packaging is essential, and consult the **Material Safety Data Sheet (MSDS)** if needed. Direct inhalation and skin and eye contact should be avoided, and the product should not be ingested. Appropriate safety equipment must be used at all times. Additionally, necessary precautions should be taken to prevent fire, explosion, and environmental contamination. The application should always be carried out in well-ventilated areas.

TRANSPORT & STORAGE

PROTEC 7 should be stored in cool, covered areas and kept upright. It should not be exposed to direct sunlight. When stored in unopened original packaging, dry and cool, the shelf life is 12 months

SAFETY PRECAUTIONS

During the application, work clothes, protective gloves, goggles, and masks should be used under the Health and Safety Regulations. Due to the irritating effects of cement-based materials, avoid skin and eye contact during storage and application. In case of contact, wash immediately with plenty of water and soap. If swallowed, a doctor should be consulted immediately. Food and beverage materials should not be brought into the application areas. It should be stored out of the reach of children. For detailed information, the Safety Data Sheet (MSDS) should be consulted.

LIABILITY

The data in this technical document are based on scientific and practical knowledge. GRADA Construction Chemicals Inc. is solely responsible for the quality of the product. GRADA Construction Chemicals Inc. cannot be held responsible for the consequences that may arise due to improper use or any use that does not comply with the written recommendations regarding its application.

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