

EAMIFLOOR ULTRA GUARD

Stain Resistance & Densifier for Concrete Floors

Product Description

EAMIFLOOR ULTRA GUARD is a water-based polymeric protectant that improves the appearance and durability of concrete floors.

EAMIFLOOR ULTRA GUARD contains a powerful stain resistant additive and is further enhanced with silicate polymer, which provides densification of the concrete surface. This product also contains UV absorbers that enable EAMIFLOOR ULTRA GUARD to protect colored or dyed concrete against UV degradation.

EAMIFLOOR ULTRA GUARD can be used alone or in combination with a reactive sealer to give concrete floors a glossy finish, harder surface, and protective seal.

- Treated concrete is more dense and durable
- Breathable
- Treated concrete is easier to maintain
- Protects colored or dyed concrete from UV degradation

Direction for Use Surface Preparation

Cure new concrete by a wet or sheet cure method in accordance with ASTM C171, or with a curing compound that meets the requirements of ASTM C309. To maximize strength and other physical properties of the concrete slab, the American Concrete Institute recommends new concrete cure seven days or longer before removal of the curing method. For fast track projects, the cure time may be reduced at the discretion of the project engineer. If a curing compound is used, it must be completely removed before application of EAMIFLOOR ULTRA GUARD. After the curing method is removed, allow the slab to air dry a minimum of 24 hours prior to application. All concrete must be clean of dirt, oil, and other contaminants before applying EAMIFLOOR ULTRA GUARD. The performance of EAMIFLOOR ULTRA GUARD is maximized when applied to concrete already densified. Allow at least 24 hours of drying time after densifier application before applying EAMIFLOOR ULTRA GUARD.

Typical Application

- Interior concrete floors
- Commercial and retail floors
- Diamond polishing concrete
- Distribution centers
- Institutional floors
- Health care facilities
- Schools

Product Features

- Can provide instant gloss to concrete floors
- Water-based - low odor

Technical Properties

Appearance Liquid form
Drying Time (Dry-to-Touch) 1 to 2 hours
Flash Point NA

Stain Resistance (ASTM D1308)

Staining Agent	Untreated Concrete		After Rebuffing	Concrete treated with EAMIFLOOR ULTRA GUARD		After Rebuffing
	30 minutes	8 hours		30 minutes	8 hours	
Ketchup	2	1	Rebuffing resulted in no improvement in appearance	4	4	Gloss Restored
Mustard	2	1		3	3	Gloss Restored
Pickle juice	4(absorbed into surface)	4(absorbed into surface)		4	3	Gloss Restored
Balsamic vinegar	2	1		3	3	Gloss Restored
Red wine	1	1		3	3	Gloss Restored
Transmission fluid	1	1		4	4	Gloss Restored
Brake fluid	1	1		3	3	3
Used motor oil	1	1		4	4	4

KEY:

1 - stained, 2 - slight discoloration, 3 - loss of gloss, 4 - no effect
SPECIMEN PREPARATION: The untreated and EAMIFLOOR ULTRA test specimens were honed to 600 grit. The EAMIFLOOR ULTRA GUARD specimens were. Two coats of EAMIFLOOR ULTRA GUARD were applied after the 600 grit pass, buffing after each coat. Gloss was restored by re-applying EAMIFLOOR ULTRA GUARD and buffing.

EAMIFLOOR ULTRA GUARD

Application to new or old concrete

Application to New or Old Concrete: Air temperature during application must be between (4°C and 38°C). Prior to application, if the floor is very absorptive, light sprinkling with water is recommended for more uniform coverage and smoother appearance. Do not apply over standing water. EAMIFLOOR ULTRA GUARD may be diluted up to 1:1 with potable water when applying in dry or windy environments to avoid premature drying of the product and streaking during application. Using a pump-up sprayer, spray EAMIFLOOR ULTRA GUARD on the surface and while wet, immediately spread with a microfiber pad. Ensure that the coverage rate is followed - do not apply too heavily. Keep a wet edge and do not overlap over dried areas to avoid lap marks. Allow the EAMIFLOOR ULTRA GUARD to dry tack-free, about 30-60 minutes, then buff or burnish as desired. Best shine and stain resistance is achieved with a high speed burnisher equipped with a soft pad. Up to three coats can be applied following the same technique - spray, spread, let dry, then burnish. Under normal conditions, the floor will be traffic ready approximately one to two hours following final burnishing. Do not expose the floor to water for 72 hours.

Floor Joints

If the floor joints are to be filled after EAMIFLOOR ULTRA GUARD has been applied, they must be thoroughly cleaned before installation of joint filler. Cleaning joints by concrete saw or a grinder equipped with a wire wheel is recommended.

Warranty

We warrant our products to be of good quality & manufactured to rigid standards. This Warranty is in lieu of any & all other warranties expressed or implied. This data sheet is published for information only. It is believed to be correct but no liability is accepted for it or the suitability of the product for any particular purpose. EAMIC TRETOL services are free & the company does not accept liability for any loss arising from it. Max liability is limited to substituting the same quality of material .

Coverage

(3.8 Lit) of EAMIFLOOR ULTRA GUARD will cover from (46 to 95 m²) of concrete depending upon the texture and porosity of the surface. The actual coverage rate required to achieve the appearance and protection desired should be determined by performing a small test application on-site.

Packaging

EAMIFLOOR ULTRA GUARD is packaged in (200 Lit) drums and (18.9 Lit) pails

Shelf-life

1 year in original, unopened package.

Cleaning

Clean brushes, tools, equipment and flush sprayer with potable water immediately after use

Precautions / Limitations

- Protect EAMIFLOOR ULTRA GUARD from freezing. In the event of freezing, thaw and stir before using.
- Protect metal, glass, wood, paint or brick from contact with EAMIFLOOR ULTRA GUARD. If accidentally oversprayed on these surfaces, wash surface with clean water immediately.
- Acid-stained concrete must be thoroughly neutralized before application of EAMIFLOOR ULTRA GUARD.
- Allow the product to dry 72 hours at 70°F (21°C) before exposure to water or rain.
- The stain resistance of EAMIFLOOR ULTRA GUARD gradually develops over the first 5-7 days after application and is greatly increased by burnishing. Prevent spills as much as possible during this time. Immediate clean-up of spills will reduce the occurrence of staining.
- In all cases, consult the Safety Data Sheet before use.

EAMIC TRETOL

Leaders in Construction Chemical Technology

Edition 01.2019

Cairo : 2Hadaek El Obour, Salah Salem St. Nasr City – Cairo Egypt Tel: (202) 22636220/24011024/22619414 Fax: (202) 22639002
Alex : 37 Ismail Serri Street Smouha- Alexandria Tel: (203) 4255066 Fax: (203) 4255066

www.eamic.co