

Convergent SlabArmorTM Starter

Adhesives Technology Corporation,
A Meridian Brand

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nanoLithium
Patented Technologies by Advan
Nano-Lithium[®] (NL) Concrete Treatment



PRODUCT DESCRIPTION

SlabArmorTM Starter is a colloidal silica concrete curing/finishing aid and hardener used in the placement and finishing of new concrete. Its hydrophilic property holds bleed water in the capillaries of the concrete slab during the curing process, reducing shrinkage and micro-cracks, creating a more workable and a dense surface.

SlabArmorTM is a 3-part system including Starter, Closer and Seal & Shine. The result is a well-cured, hardened and protected floor, suitable for any industrial, commercial or decorative flooring spaces.

Utilizing nanoparticle silica SlabArmorTM Starter, can also be used as an impregnating hardener/densifier for polished concrete. When used during the grinding and polishing process of concrete or terrazzo surfaces, SlabArmorTM Starter is designed to make re-profiling easier, as well as reduce costly wear and damage to diamond abrasives.

KEY BENEFITS

- UL 2818 – 2022 GreenGuard Gold Certification for low chemical emissions - Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
- Non-film forming curing aid
- Finishing aid
- Extends working time
- Eliminates dusting
- Increases abrasion resistance
- Deepens clarity and heightens reflectivity when used in polishing
- Reduces alkalinity/efflorescence
- Extends service life of the floor
- User friendly, non-whitening
- Environmentally friendly, water-based formula—VOC compliant
- 10.9% abrasion resistance over untreated concrete (ASTM C779; Type 1L cement)

Customer Service:
Toll Free 1-800-892-1880

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www.atcepoxy.com

Or scan the code:



APPLICATION

Product is ready to use, do not dilute.

SlabArmor System

Apply 3 even coats of SlabArmor™ Starter, ideally with a high-volume, low pressure (HVLP) electro-mechanical sprayer at a rate of approximately 1,200 ft²/gal (29.5 m²/L) for uniform application, or alternatively with a pump-up sprayer. Work each application completely into the surface with the use of power trowels equipped with float pans. After completing 3 coats of SlabArmor™ Starter and finishing to desired level, refer to application instructions of SlabArmor™ Closer.

Polishing

1. Grind the concrete to an initial surface profile (100-200 grit). This step opens up the surface ensuring better penetration.
2. Depending on size of work area, product can be applied with a high volume, low-pressure (HVLP) electro-mechanical sprayer, or a pump-up hand sprayer. Apply SlabArmor Starter to the surface evenly at the rate of approximately 400 sq. ft. per gallon.
Using a fine-bristle broom such as horse-hair, lightly spread out any puddles immediately after the material has been applied. Allow material to dwell on the surface for 20-30 minutes. Add more SlabArmor Starter as needed in order to maintain a uniformly wet surface.
3. After material has penetrated and is no longer wet on the surface, continue grinding and polishing to the intended final surface profile and desired finish. When using a wet polishing method, or on integrally colored concrete, we recommend using an auto scrubber and water to remove residual slurry between abrasive disc grit levels.

ESTIMATED COVERAGE

Curing/Troweling aid: 3 even coats at 1,200 ft²/gal (29.5 m²/L)

Polishing: 1 coat at 400 ft²/gal (11-13m²/L)

CLEAN UP

Use soap and water to clean tools and equipment. Although SlabArmor™ Starter is nontoxic and environmentally safe, use up or dry out extra material and dispose of according to local regulations. Don't pour into sewer systems or storm drains.

MAINTENANCE

Routine sweeping, mopping, washing and mechanical scrubbing of floors with neutral pH cleaners and water is suggested. DO NOT USE acidic or citrus cleaners to maintain the floor.

We recommend PENTRA-CLEAN (DC) (Daily Cleaner) for best results.

SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN. This product is alkaline. Do not drink. If swallowed, do not induce vomiting, drink 2 glasses of water and call physician. Keep container closed tightly when not in use. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. SlabArmor Starter will dry out and irritate the skin. Clean skin with soap and water promptly. CAUTION: Surfaces wet with SlabArmor™ Starter may be slippery. Additional precautions, safety information and first aid treatments are contained in the Material Safety Data Sheet.

Technical Service

Customer Service:

Toll Free 1-800-892-1880

Email:

atcinfo@atcepoxy.com

Web:

www.atcepoxy.com

For Chemical/Medical Emergencies:

Infotrac 800-535-5053

Outside USA 352-323-3500

PROPERTIES

Active Ingredients: 100% of total solids

Specific Gravity: 1.077

Wt/Gal: 8.59 lbs.

pH: 8.9

VOC Content: <50g/L

Flash Point: N/A

Freeze Point: 32°F (0°C)

Shelf Life: 2 Years in unopened factory sealed container

PACKAGING

5 Gal Plastic Pail 43.25 lbs.

55 Gal Drum 475.75 lbs.

275 Gal tote (IBC) 2,378 lbs.

LIMITATIONS

SlabArmor™ Starter will not bridge or fill cracks and will not salvage honeycombed or repair structurally unsound surfaces. Not suitable for asphalt, non-cement surfaces or painted surfaces. Paint and coatings may be applied over the top of SlabArmor™ Starter—follow paint or coating manufacturer's instructions.

WARRANTY

LIMITED WARRANTY NOTICE. Every reasonable effort is made to apply exacting standards both in the manufacture of our products and in the information that we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, ADHESIVES TECHNOLOGY CORP. MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and ADHESIVES TECHNOLOGY CORP. shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of ADHESIVES TECHNOLOGY CORP'S Research Director. This information and all further technical advice are based on ADHESIVES TECHNOLOGY CORP'S present knowledge and experience. However, ADHESIVES TECHNOLOGY CORP. assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, ADHESIVES TECHNOLOGY CORP. disclaims all WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. ADHESIVES TECHNOLOGY CORP. SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. ADHESIVES TECHNOLOGY CORP. reserves the right to make any changes according to technological progress or further developments. It is the customer's (Authorized Applicator) responsibility and obligation to carefully inspect and test any incoming goods. Performance of the product(s) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used. ADHESIVES TECHNOLOGY CORP. reserves the right to change specifications referred to in this literature at any time, without prior notice. The information contained herein is, to our knowledge, true and accurate. While this material is furnished in good faith, no warranty expressed or implied, of merchantability, completeness, fitness or otherwise is made. This material is offered only for your consideration, investigation and verification, and ADHESIVES TECHNOLOGY CORP. disclaims any liability incurred from the use thereof and shall not in any event, be liable for any special, incidental or consequential damages arising from such use. This information is not intended to be all inclusive and the manner and conditions of use and handling of any material may involve other or additional considerations specific to the use or user. Nothing herein should be construed as permission or recommendation to infringe any patent or as to any specific use. No agent, representative or employee of this company is authorized to vary any term of this notice.

Refer to www.atcepoxy.com for latest Technical Data Sheet and Safety Data Sheet.

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