

ARMOR SC25

PRODUCT CODE: SC25

LONG LASTING PENETRATING SEALER & WATER REPELLENT

PRODUCT DESCRIPTION

ARMOR SC25™ is a reactive, penetrating catalyzed siliconate solution that fuses within porous substrates of concrete, brick, stone, and mortar to form an invisible, hydrophobic barrier within the pores that can last for up to 10 years. Surfaces sealed with the Armor SC25 are more resistant to freeze-thaw damage, scaling and spalling, staining, and the growth of mold, mildew, and algae. ARMOR SC25™ is breathable with minimal impact to traction coefficient. ARMOR SC25™ creates a cross-linked insoluble methyl-silicone internal membrane that will wear away only if the substrate itself wears away below sealer penetration.

BENEFITS/FEATURES

- ◆ Reduces the damaging effects of water absorption such as cracking, spalling, pitting, freeze thaw damage, and staining.
 - ◆ Minimizes damage due to water and salt water from de-icing road salts and salt water pool systems.
 - ◆ Will reduce the growth of mold, mildew, and algae on the surface, and make the surface easier to clean.
 - ◆ Will not change the color of the concrete, will not leave behind a slippery surface film or coating.

RECOMMENDED APPLICATIONS

ARMOR SC25 is recommended for interior and exterior, driveways and sidewalks, parking lots, pool decks, patios, brick, pavers, smooth troweled concrete, broom finish concrete, aggregate concrete, stone, and other unsealed, porous substrates.

TECHNICAL INFORMATION

Solids.....	proprietary	Wet Appearance.....	Clear
Drying Time.....	1 - 2 hours	Dry Appearance.....	Clear and No Gloss
Re-Coat Time.....	refer to instructions	VOC Content.....	<0 g/l
Foot Traffic.....	4-6 hours	Blush Resistance.....	Good
Wheel Traffic.....	24-48 hours	Alkalinity Resistance.....	Excellent
Application Temp.....	50°F - 85°F	Concrete Adhesion.....	Excellent

***Please note that low air and/or concrete temperatures and/or relative humidity may extend drying times. Follow recommended coverage rates for best results.

SPECIFICATIONS/COMPLIANCES

Can be applied to new or existing surfaces. For fresh poured concrete apply ARMOR SC25 after all bleed water is gone, finishing is done and can be walked on without marking.

APPROXIMATE COVERAGE RATES

Porous Concrete & Masonry	100-150 ft ²
Dense, Trowel Finished Concrete	200-250 ft ²

*Coverage rates vary depending upon surface porosity and texture, and application method. Excessive build up should be avoided.

SHELF LIFE

ARMOR SC25 has a shelf life of up to one year in it's original, sealed, unopened container.

PACKAGING

ARMOR SC25 is packaged in 1 gallon cans, 5 gallon pails, and 55 gallon drums.

FOUNDATION ARMOR

3 BUD WAY STE 27, NASHUA, NH 03063

Phone: (866) 306-0246

Visit us online at: www.FoundationArmor.com

WATER REPELLENTS

ARMOR SC25

INSTRUCTIONS FOR USE

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If excessive moisture is present or if the surface is not clean and free of all contaminants, premature delamination and failure may occur.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may experience issues. Note that in direct sunlight, substrate temperature can exceed 150° F.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: The Armor SC25 is a one-coat application. Sealer should be applied at a rate of 100-150 FT²/gallon depending on the porosity of the concrete. Do not attempt to apply a second coat unless otherwise instructed by a Foundation Armor technician.

*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided.

APPLICATION: Apply to substrate using a 3/8-1/2" nap roller or pump sprayer at a rate of 100-150 FT²/gallon (depending on the porosity of the concrete). Upon initial application, Armor SC25 may create a slightly white surface that will absorb quickly into the concrete, typically within a minute or two. Thick or puddled areas should be spread to areas where absorption can continue. Failure to quickly remove puddle areas may result in the presence of dry residual sealer that is not beneficial and may yield an undesirable aesthetic look, especially on colored or dark concrete. If you are instructed to apply a second coat the second coat should be applied no sooner than 3 days after application of the first coat, or prior to subjecting the surface to traffic.

RE-SEAL: When darkening of the surface begins to occur due to water absorption, re-apply Armor SC25 as needed for continued protection. While the Armor SC25 will continue to work below the surface, the surface bead may start to wear from exposure to abrasion.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. Applying to thin cause inadequate film formation or performance expectations may be limited.

CLEAN-UP

Use soap and warm water. Dispose of containers in accordance with local and federal regulations.

PRODUCT REMOVAL

Coating deeply penetrates surface. Removal is not recommended.

PRECAUTIONS AND LIMITATIONS

- ▶ This product will freeze during storage. Store at temperatures above 40°F.
- ▶ All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- ▶ If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- ▶ This product should not change the slip coefficient of the concrete surface.
- ▶ This product is not resistant to brake fluid, gasoline, and many similar products.
- ▶ It is not recommended to thin this product. Improper thinning may cause sealer to not perform adequately.
- ▶ This product may slightly change the surface of a new and existing concrete slabs. Test prior to use.
- ▶ Optimum water repellency is achieved after 48-72 hours.
- ▶ This product is harmful if swallowed. Abide by recommended safety guidelines.
- ▶ This product is corrosive. Proper protection should be worn during application.
- ▶ While the SC25 will reduce the absorption of liquids it is not a coating and will not stop staining.

SPECIAL NOTES

Please consult Safety Data Sheet (SDS) and read Warranty information prior to use. This information can be requested by contacting customer service at 866-306-0246.

FOR PROFESSIONAL USE ONLY! DO NOT DILUTE!

FOUNDATION ARMOR

3 BUD WAY STE 27, NASHUA, NH 03063

Phone: (866) 306-0246

Visit us online at: www.FoundationArmor.com