



Product Description

SlabArmor™ Starter is a non-film forming, low VOC, water based cure applied to new concrete during the placement and finishing process. It provides a superior initial cure for concrete floors and is the first of three products, that when used together as part of a process, will result in an easily workable, densely consolidated, and highly refined surface using power trowels.

Primary Applications

- Curing New Concrete
- Decorative Concrete
- Concrete that will receive a covering
- Polished Concrete
- Institutional Facilities
- Retail Showrooms
- Industrial Floor Slabs

Features & Benefits

- Extend workability of slab surface to achieve best possible finish
- Increases surface density and reduces permeability
- Abrasion resistance and wear characteristics compared to trap rock or dry-shake hardeners*
- Reduce dusting for a cleaner finished product
- Reduces long-term maintenance costs by improving the surface cap
- Attain a highly refined surface finish
- Begin refining the surface as the concrete is being finished and reduce labor and sub-contracting requirements
- Environmentally Responsible

* When used as the SlabArmor™ two-step process.

Technical Information

Odor/Color..... Tropical breeze/light green dye*
 pH Level..... 6-9
 Evaporation Rate..... > 1.0
 Vapor Pressure..... > 2.2 torr @ 68° F (20°)
 Density (water = 1)..... > 1.0 @ 68°F (20°C)
 VOC Content..... < 0.11 lbs/gal (< 50 g/L)

* The fugitive dye used to provide its distinctive color will dissipate following its application.

Coverage

Application Rate..... 1,200 ft²/gal (29.45 m²/L)
 Applications Required..... 3
 Yield..... 400ft²/gal (9.82 m²/L)

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. Do not allow product to freeze. Store in a well-ventilated, cool, dry location and maintain temperatures between 40° – 100°F (4°– 38°C). This product has a shelf life of 18 months in its original unopened container.

Packaging

Item No.	Size	Gallons	Liters	Bucket Color	Product Color	Scent
SAS01	Jug	1	3.78	N/A	Light Green	Tropical Breeze
SAS05	Pail	5	18.9	Green	Light Green	Tropical Breeze
SAS05	Pallet	180 (36 x 5)	681.4	Green	Light Green	Tropical Breeze
SAS55	Drum	55	208	N/A	Light Green	Tropical Breeze
SAS275	Tote	275	1041	N/A	Light Green	Tropical Breeze

Directions for Use

SlabArmor™ is a process requiring the use of two separate products: Starter and Closer. The products must be used together to attain the desired results. SlabArmor™ Starter is designed for use during the initial panning/floating stage of concrete placement.

Ready to use and requires no blending or dilution. Mild agitation is recommended before usage.

Using a HIGH-VOLUME, LOW-PRESSURE, manual or commercial grade sprayer, spray a thin coating of product uniformly onto the slab surface in three equal applications at a rate of 1,200 ft²/gal (29.45 m²/L). SlabArmor™ Starter may also be applied using the retardant system when using ride-on trowels. Product should be applied prior to initially breaking open¹ the floor with pans or float shoes. Completely work into the surface using a walk-behind or ride-on power trowel equipped with float pans² following each application and before applying additional product. After completing application of SlabArmor™ Starter, and finishing by burning/burnishing³ the floor to the desired level, prepare for applications of next product, SlabArmor™ Closer and refer to its directions for application.

¹ Following industry best practice/procedures to begin float process as you would on a standard pour.

² Float shoes may be used on walk-behind trowels, but are not recommended for ride-on trowels.

³ Using lowest pitch possible (Pitching the blades too high will cut/damage the surface of the floor)

Clean-Up

Clean sprayers with warm, soapy water following use.

Precautions / Limitations

- Incompatible with strong oxidizers and strong acids
- The SlabArmor™ process requires two separate products for best results: Starter and Closer
- Do not allow the product to freeze.
Store between 40° - 100°F (4° - 38°C)
- Do not dilute or blend with other products.
- Consult SDS before use.
- Over application will retard the set of the concrete

Warranty

www.mqslabarmor.com/warranty

MULTIQUIP INC.
18910 WILMINGTON AVENUE
CARSON, CALIFORNIA 90746
310-537-3700 • 800-421-1244
FAX: 310-537-3927
E-MAIL: mq@multiquip.com
INTERNET: www.multiquip.com



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