



**5 GALLONS**

# FLOR·SIL™

## Hardener / Densifier

### For Concrete & Terrazzo

For use in the Grinding and Polishing Process  
(Metal / Resin Bonded Abrasives) of Concrete and Terrazzo Surfaces.

**DISTRIBUTED BY:**

Blastrac North America  
13201 North Santa Fe Ave.  
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**WEB:**

[www.blastrac.com](http://www.blastrac.com)  
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**CUSTOMER SERVICE:**

1-800-256-3440

## Ideal for Polishing, Re-Polishing and Restoring Worn and Damaged Surfaces

**ADVANTAGES**

- Deepens clarity and heightens reflectivity (gloss)
- Penetrates and seals existing hardened floors
- Improves chemical and water resistance
- Increases abrasion resistance
- Reduces alkalinity / efflorescence
- Extends the service life of the floor
- User friendly, non-whitening
- Easy to use and maintain
- Environmentally friendly –VOC compliant
- Interior / exterior use

**DESCRIPTION**

Flor-Sil®(IH) is an economical cost-effective treatment formulated for architectural concrete and terrazzo surfaces to rapidly produce a harder surface that is easy to grind and polish. Its deep-penetrating, non-soluble characteristics provide longer life and higher reflectivity, helping reduce floor maintenance cost.

This environmentally friendly treatment reduces alkalinity (efflorescence), improves overall abrasion resistance and reduces dusting.

Used during the production (grinding and polishing) of concrete or terrazzo surfaces. It is designed to enhance the process, making it easier to re-profile as well as reduce costly wear and damage to diamond abrasives.

When properly installed, Flor-Sil®(IH) will not leave surface bloom (whitish film or residual deposits) that are difficult to remove. Simple application requires only one treatment, with no brooming or rinsing (compared to Sodium or Potassium chemistry which requires multiple coats, brooming, rinsing, and hazardous rinse-water disposal). Flor-Sil®(IH) will not contribute to alkali-silica reactivity (ASR). Flor-Sil®(IH) inhibits alkali salts (efflorescence) and sweating in concrete/masonry surfaces.

**COVERAGE**

Typical Coverage Rates: Concrete ground to 100-200 grit typically requires an application rate of approximately 400-500 sq. ft. per gallon (12-15m<sup>2</sup>/L). The application rate is determined by the porosity of the surface. Previously densified floors require less material than non-treated floors.





# FLOR·GUARD™ (HP/S)

**Advanced High Gloss,  
Stain & Wear Protection Finish**

**(NON-POROUS) Polished Concrete,  
Factory Finished Stone & Terrazzo**

For Concrete, Finished Stone and Terrazzo  
(1500 grit profiles and above)



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Great for Protecting Newly Polished Concrete,  
Factory Finished Stone and Terrazzo Surfaces

**ADVANTAGES**

- Non-streaking, fast-curing protective treatment
- Leaves a durable, reflective surface
- Imparts high gloss reflectivity when burnished
- Superior clarity, will not peel, flake or fade
- Easy to maintain and re-apply — Chemically bonds
- Creates a tough wear surface.
- Heavy-duty protection against stains
- Easy-to-use, water-based formula
- VOC compliant, environmentally friendly
- Interior use only

**DESCRIPTION**

This patented lithium fortified finish offers deep penetration, increased surface hardness and superior reflectivity.

Apply with a micro-fiber pad and applicator then burnish with diamond impregnated pads at high-speed (1500-2500 rpms). The result will be an immediate extremely glossy with excellent wear properties and extended life. The reactive micro-impregnating Nano Lithium™ polymer creates greater protection and greater gloss with less labor. Treated surfaces will have increased durability and abrasion resistance. We recommend two coats for initial protection. A retreatment every one



extraordinarily friendly



lithium treatments

Go Green



# FLOR-GUARD™ (HP)

**High Gloss, Stain & Wear Protection Surface Hardener**

**For (POROUS) Semi-Honed Surfaces**

Formulated to protect semi-polished concrete, finished stone and terrazzo surfaces. (250-800 grit profiles)

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extraordinarily friendly



“POP” - An attractive, High-Gloss Finish on Semi-polished Concrete, Factory Finished Stone and Terrazzo Surfaces

**ADVANTAGES**

- Get maximum protection and maximum aesthetics with minimum downtime
- Non-streaking, fast curing protective treatment
- Leaves a shiny, durable, reflective surface
- Imparts high reflectivity when burnished
- Superior clarity, will not peel, flake or fade
- Easy to maintain and re-apply—chemically bonds
- Creates a tough wear surface
- Heavy-duty protection against stains
- Easy-to-use, water-based formula
- VOC compliant, environmentally friendly
- Interior use only

**DESCRIPTION**

This patented lithium fortified finish offers deep penetration, increased surface hardness and superior reflectivity. Pentra-Guard® (HP) provides an easy way to protect and enhance the shine and clarity of semi-polished floors.

Apply with a micro-fiber pad and applicator then burnish with diamond impregnated pads at high-speed (1500-2500 rpms). The result will be an extremely glossy surface with excellent wear properties and extended life. The reactive micro-impregnating