

SILEX GLIDE-DC Deep Cut Concrete Refining & Cutting Compound is a neutral pH cutting compound formulated using a nano-abrasion technology which allows the product to penetrate deeper into the substrate. Once applied, **Silex Glide-DC** immediately begins chemically reacting with the concrete's high pH matrix; this is the first step in the **Silex Silica Stacking™** process.

Silex Glide-DC has also been engineered to act like an abrasive which enhances the diamond's cutting capabilities providing faster, more efficient concrete removal allowing a greater potential of achieving total maximum refinement with each diamond tooling being utilized. During the first cut, **Silex Glide-DC** forms a reactive slurry when mixed with the concrete's dust which bonds back into the surface filling pin-holes and micro-capillaries therefore, creating an overall denser substrate and harder surface.

SPECIFICATIONS

Coverage Rate: 400 to 600 ft² /gal* (4.90 - 14.7 m² /L)

Color/Odor: Clear Red**/ Fragrant Smell (Cherry)

pH Level: 6-7

Evaporaton Rate: >1.0

VOC: < 50g/L

Vapor Pressure: > 2.2 torr. @ 68°F (20°)

Density (water = 1): > 1.0 @ 68°F (20°)

Shelf Life: 18 months in its original unopened container

Packaging: 5g Pail, 55g Drum, 275g Tote

Compliance: ASTM E 96-10, ASTM C 944, ASTM C 779, ASTM C 1583, USDA Compliant and FDA Approved

Storage Instructions: Do not break seal until product is ready for use. Maintain unused product in the original container. Do not allow SILEX GLIDE to freeze. Store in a well ventilated, cool, dry location and maintain temperatures between 40°F – 100°F (4° – 38°C).

**Due to the wide variety of substrates variations in concrete quality, porosity, job site conditions, temperatures, and relative humidity will affect coverage rates and drying times.*

*** The added fugitive dyes serve as an application guide and will dissipate following its application.*

BENEFITS

- Reduction in Tooling, Time & Labor Costs
- Increased Efficiencies & Overall Productivity
- Faster Refinement
- Lower Ra Numbers
- Less Surface Pop-Outs
- Increase D.O.I. (Distinction of Image)
- Reduce Surface Profile
- 100% Miscible
- No Stray Swirls Left in Concrete
- Tighter/Denser Surface
- Sustainable System
- Silica Stacking™



PRIMARY APPLICATIONS

- New & Existing Concrete
- Decorative Concrete
- Distribution Centers & Warehouses
- Grocery Retailers
- Industrial & Commercial Floor Slabs
- Manufacturing
- Medical Facilities
- Office Buildings
- Retail Showrooms

- Compliant with all US VOC regulations including US EPA, OTC, LADCO, SCAQMD & CARB
- LBC Red List Compliant
- Contribute to LEED Credits



ARMOUR GLIDE DC-DEEP CUT

CONCRETE REFINING &
CUTTING COMPOUND

SILEX Concrete Polishing System™ is a Silica Stacking™ process requiring the use of all Silex Floor products in sequence to attain maximum results.

DIRECTIONS FOR USE

PRE-APPLICATION:

Due to the wide variety of substrates, test the product in an inconspicuous area to determine dwell time and compatibility prior to full scale application.

IMPORTANT:

Check surface hardness with MOH's hardness & record Ra meter reading from a digital profilometer prior to starting.

SURFACE PREPARATION:

Auto-scrub the surface with **Silex Clean Concrete Cleaner & Conditioner** to remove dirt & sand particles. Wet the floor to Surface Saturated Dry (SSD) where concrete is dark with no standing water &/or no puddles.

NOTE: *The longer you can keep the concrete surface wet with water prior to SILEX GLIDE, you'll achieve better results & deeper penetration due to its nano-sized technology.*

APPLICATION:

Wet the floor with **Silex Glide DC - Refining & Cutting Compound**. Scrub with a soft bristle broom or brushes on an auto scrubber (ensuring vacuum is off) keeping the floor wet for 1 hour or when the material is dry to touch before beginning to wet grind process.

For Best Results: *It is recommended to let Glide-DC sit overnight.*

DIRECTIONS FOR USE:

Start grinding/profiling with the appropriate abrasive from initial Ra value taken and recorded from

profilometer.

Grinding/cutting the floor wet, adding enough water to create a heavy shaving cream like consistency of slurry. If slurry is too thin, add more Silex Glide-DC, and if too thick, add more water. Do not allow the slurry to dry in puddles as this will etch the floor.

*Continue cross-cutting until you have reached the proper Ra value range for each **Silex BLACK H Profiling Diamonds**.*

NOTE: *Adding **Silex Clean Concrete Cleaner & Conditioner** to the grinder's water tank will assist in removing slurry and contributes to the **Silica Stacking™** being accomplished.*

Clean floor with auto scrubber utilizing soft white bristle brush and **Silex Clean Concrete Cleaner & Conditioner**.

CLEAN UP:

Wash equipment with soap and water. Any product that cannot be saved for recovery or recycling should be triple rinsed and disposed of according to local, state and federal regulations.

SAFETY DATA SHEETS, TECHNICAL DATA SHEETS & TECHNICAL ASSISTANCE:

Refer to the SDS (Safety Data Sheets) for complete First Aid and Safety Information at www.SilexSystem.com.

Any technical information or assistance, contact Diamatic Silex at 866-295-5512 or info@silexsystem.com.

WARRANTY

Diamatic™ solely and expressly warrants that for 12 months from the date of purchase of its Diamatic™ Silex™ flooring products shall be free from defects in material and workmanship which cause the product to fail to operate in accordance with the product's performance specifications as they exist at the time of shipment and including only to the extent that the product is properly installed by a Certified Silex™ Applicator, in strict compliance with the installation/application instructions provided in its product literature &/or packaging label.

Product demonstrations, if any, are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. Buyer will be solely responsible for determining the suitability of the Diamatic™ Silex™ flooring products for the Buyer's intended purposes. The Buyer must examine the product when received and promptly notify Diamatic™ Silex™ in writing of any non-conformity before the product is used and no later than 30 days after such non-conformity is first discovered. If any Diamatic™ Silex™ product fails to conform to this warranty, Buyer's sole and exclusive remedy shall be replacement of the defective product at no cost to the Buyer. Unless authorized in writing signed by an officer of Diamatic™ Silex™, no other representations or statements made by Diamatic™ Silex™ or its representatives, in writing or orally, shall alter this warranty.

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IMPORTANT: BEFORE BEGINNING APPLICATION PROCESS READ, UNDERSTAND & FOLLOW ALL LABEL, DATA SHEET, AND SAFETY INFORMATION. EMPLOYEE EDUCATION AND TRAINING IN SAFE HANDLING OF THESE PRODUCTS ARE HIGHLY RECOMMENDED.

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