

## Molecule [HS] Hardscape Shampoo

For more information, visit [TechniSoil.com](http://TechniSoil.com)



### FEATURES & BENEFITS:

Molecule [HS] Hardscape Shampoo from TechniSoil represents next-generation water-based sealer technology specifically designed for cleaning and rejuvenating hardscape surfaces. When used regularly, it maintains and extends the life of any Molecule brand hardscape sealer coating. The simple wash and wax application process cleans and protects your hardscape investment. Molecule [HS] is environmentally safe and ready-to-use out of the bottle.

- Next-Generation sealer technology
- Penetrating surface protectant
- Wash & wax treatment for hardscapes
- Clean and protect in one application
- Ready-to-Use out of the bottle
- Easy pump sprayer application
- Spray, scrub & rinse with water
- Environmentally safe
- For use on any residential or commercial hardscape surface including standard or embellished concrete, pavers, & natural stone

### COVERAGE RATE:

Concrete (standard or decorative) - 300 Ft<sup>2</sup> / Gallon

Pavers & natural stone - 300 Ft<sup>2</sup> / Gallon



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<b>TOOLS:</b>	
<p><b>BASIC</b></p> <ul style="list-style-type: none"> <li>&gt; Handheld or backpack pump sprayer (25-45 PSI)</li> <li>&gt; Soft to medium bristle push broom</li> <li>&gt; Handheld scrub brush</li> </ul>	<p><b>OPTIONAL</b></p> <ul style="list-style-type: none"> <li>&gt; Pressure washer</li> </ul>

<b>SUITABLE APPLICATIONS &amp; MATERIALS:</b>	
<p><b>APPLICATIONS</b></p> <ul style="list-style-type: none"> <li>&gt; Driveways</li> <li>&gt; Parking areas</li> <li>&gt; Garage / Shop floors</li> <li>&gt; Patios</li> <li>&gt; Walkways</li> <li>&gt; Fences</li> <li>&gt; Retaining walls</li> <li>&gt; Stone veneer</li> <li>&gt; Masonry</li> </ul>	<p><b>SURFACE MATERIALS</b></p> <ul style="list-style-type: none"> <li>&gt; Concrete (standard or decorative)</li> <li>&gt; Pavers</li> <li>&gt; Natural stone</li> <li>&gt; Bricks</li> <li>&gt; Wall blocks</li> <li>&gt; Stone veneer</li> <li>&gt; Travertine</li> <li>&gt; Stucco</li> <li>&gt; Plaster</li> </ul>

<b>INSTALLATION:</b>	
<p><b>TOP 5 TIPS</b></p> <ul style="list-style-type: none"> <li>&gt; Molecule [HS] should be applied within an ambient and surface temperature range of 40° - 90° F. Shaded, low sunlight, or colder areas will lengthen workability times. Conversely, direct sun, warmer areas will shorten workability times. Avoid temperatures at or below freezing or above 100° F for application or storage.</li> <li>&gt; Do not allow Molecule [HS] to dry completely on surfaces before or after scrubbing. If shampoo dries, reapply shampoo over dried area, scrub, and rinse as soon as possible.</li> <li>&gt; Molecule [HS] contains a supplemental sealer component designed to penetrate and bolster original applications. It can be used to clean and prepare surfaces for Molecule brand sealer applications and for regular wash and wax maintenance coats afterward.</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Avoid overspray onto adjacent surfaces such as houses, sheds, cars, or other surfaces as it can stain if allowed to dry. Mask or shield while applying to prevent overspray. Clean overspray areas immediately by scrubbing and rinsing with water as needed.</li> <li>&gt; For general maintenance, Molecule [HS] can be applied and rinsed off with high pressure water. For tougher staining, scrub shampoo with soft to medium bristle brush before rinsing with water.</li> </ul> <p><b>PROJECT PLANNING</b></p> <ul style="list-style-type: none"> <li>&gt; Always perform a test section using recommended installation methods to confirm suitability of materials and project conditions!</li> <li>&gt; Molecule [HS] can be used on most horizontal and vertical hardscape surfaces, even if they have previously been sealed with another sealer. Always perform a small test section first.</li> <li>&gt; Coverage rates may vary based on surface staining and texture.</li> </ul>



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### APPLICATION

- Personal protective equipment (PPE) is recommended for application:
  - Gloves
  - Safety glasses
- For best results, thoroughly clean any heavy, residual oil or grease stains with an environmentally friendly degreaser before using Molecule [HS].
- Molecule [HS] is not an efflorescence remover and does not contain acid.
- Mask or shield any adjacent surfaces in case of overspray or accidental application.
- Pour contents of Molecule [HS] bottle into a 1 - 5 gallon capacity handheld or backpack pump sprayer.
- Plan application process to allow for adequate scrubbing and rinsing time .
- Visually map out sections of application area according to recommended coverage rate to ensure proper coverage.
  - **TIP:** If the recommended coverage rate is 300 ft<sup>2</sup>/gallon, measure an area that matches 300 ft<sup>2</sup> (20' x 15' for example) and set a small indicating marker at the beginning and end of the section. Ensure 1 gallon of shampoo has been evenly distributed over the section.
- Spray Molecule [HS] evenly over surface using a side-to-side motion. Avoid puddling or significant runoff.
  - **TIP:** In warm conditions and/or to allow extended workability time, mist the surface being cleaned with water before applying shampoo.
- While still wet, agitate Molecule [HS] with soft to medium bristle push broom or scrub brush. Do not allow liquid to dry.
- Immediately after scrubbing, rinse with high pressure water hose with nozzle.
  - **IMPORTANT!** An electric or gas-powered pressure washer can be used to rinse but this can also dislodge paver joint sand or loose materials. Proceed with caution if using pressure washer.
- Continue application process over entire project.
  - **TIP:** For heavy staining, repeat Molecule [HS] application process as needed.

### CLEANUP

- Clean all tools immediately after use by simply rinsing tools with water and a soft bristle brush.
- In case of accidental shampoo spill onto tools, equipment, or adjacent surfaces, clean immediately with soap and water as needed.
  - For dried shampoo stains, use a 1:1 acetone / water mixture and a brush to scrub affected areas. Use caution, acetone will remove paint from surfaces.

### STORAGE

- Store unused Molecule [HS] with lid secured indoors and out of direct sunlight in a temperature range of 40° - 90° F
  - Do not allow material to freeze

### MAINTENANCE

- For periodic maintenance of surfaces sealed with Molecule brand sealers, use Molecule [HS] Hardscape Shampoo to clean and bolster the protectant coating.
- Molecule [HS] maintenance coats can be applied at the recommended application rates at any time to clean and protect.

### WARRANTY

- TechniSoil Global, Inc. warrants this product to be free from defects. Where permitted by law, TechniSoil makes no other warranties with respect to this product, express or implied, including without limitation the implied warranties of merchantability or fitness for particular purpose. The purchaser shall be responsible to orchestrate their own tests to determine the suitability of this product for their particular purpose. TechniSoil's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which product proven to be defective has been applied. Acceptance and use of this product absolves TechniSoil from any other liability, from any and all sources, including liability for incidental, consequential or resultant damages whether due to breach of warranty, negligence or strict liability. This warranty may not be modified or extended by representatives of TechniSoil, its distributors or dealers, independent contractors, clients or end-users of any kind.