

**DESCRIPTION AND USE**

Sure Klean® Weather Seal H40 is a deep-penetrating water repellent and consolidation treatment for brick, most natural stone, terra cotta, historic concrete, stucco and cast stone surfaces. H40 protects against deterioration caused by water and waterborne contaminants while strengthening weathered surfaces and soft mortar joints. H40 reduces the severity of biological staining common to regions with high relative humidity. It helps prevent the rapid recolonization of biological species such as mold, mildew and lichens that normally thrive on masonry and natural stone architecture.

**ADVANTAGES**

- Deep penetration provides long-lasting protection.
- Strengthens and protects deteriorating surfaces.
- Strengthens soft mortar – reduces need for repointing.
- Treated surfaces “breathe” – does not trap moisture.
- H40 helps prevent rapid recolonization by biological species such as mold, mildew and lichens.
- Low odor.

**Limitations**

- May damage glass or be difficult to remove. Always protect.
- May cause slight or moderate darkening on some surfaces. Always test for desired results.
- Surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Application should be avoided on extremely windy days to avoid rapid evaporation of the solvent carrier.

**TYPICAL TECHNICAL DATA**

FORM: Clear liquid  
 SPECIFIC GRAVITY: 0.882  
 ACTIVE CONTENT\*: 23%  
 pH: NA  
 WT/GAL: 7.34 lbs.  
 FLASH POINT: 108°F (42°C) ASTM D 3278  
 FREEZE POINT: < -22°F (< -30°C)  
 SHELF LIFE: 2 years in a tightly sealed, unopened container

**VOC Information**

Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403). Not suitable for sale in states and districts with more restrictive AIM VOC regulations.

**PREPARATION**

**Protect** people, property, vehicles, plants and all nonmasonry surfaces from contact with the product, fumes and wind drift. Protect and/or divert pedestrian and auto traffic.

H40 may damage some metal finishes and glass. Test and protect as necessary. Sure Klean® Strippable Masking is not effective protection for use with H40.

Fill all cracks and voids to keep fumes out of buildings. All caulks and sealants should be in place and thoroughly cured before application. Surface should be clean and free of dirt, dust, oils and other contaminants. If necessary, clean with the appropriate Sure Klean® cleaner. Surface must be thoroughly dry before applying H40.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrating protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. Always Pretest To Insure Desired Results.

**Surface and Air Temperatures**

For maximum effectiveness, surface and air temperatures should be above 40°F (4°C) and below 95°F (35°C). Application on windy days may cause rapid evaporation of the solvent carrier and should be avoided.

**H40 is recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.**

Substrate	Type	Use?	Coverage
Architectural Concrete Block	Burnished	yes	50-100 sq.ft. 5-9 sq.m.
	Smooth	yes	
	Split-faced	yes	
	Ribbed	yes	
Concrete*	Brick	yes	75-175 sq.ft. 7-16 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
	Cast-in-place	yes	
Fired Clay	Brick	yes	75-175 sq.ft. 7-16 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble*, Travertine, Limestone	Polished	no	NA
	Unpolished	yes	100-175 sq.ft. 9-16 sq.m.
Granite*	Polished	no	NA
	Unpolished	yes	150-400 sq.ft. 14-37 sq.m.
Sandstone	Unpolished	yes	75-200 sq.ft. 7-19 sq.m.
Slate*	Unpolished	yes	200-600 sq.ft. 19-56 sq.m.

\*Not suitable for application to new concrete.

\*Slight darkening may occur.

Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

H40

## Equipment

Preferred method of application is with low-pressure spray equipment or with a heavily saturated brush or roller. Fit sprayers with solvent-resistant gaskets and hoses to avoid discoloration. Do not atomize/vaporize the material.

## APPLICATION

Before use, read “Preparation” and “Safety Information.”

**ALWAYS TEST** each type of surface for suitability and results before overall application. Test using the following procedures. Let test panel dry thoroughly before inspection to verify that any darkening created by the treatment is acceptable.

### Dilution

Apply as packaged. Do not dilute or alter.

### Application Instructions

#### SPRAY:

1. For best results, apply Weather Seal H40 “wet-on-wet.”
2. Spray from the bottom up, saturating with enough material for a 6”-8” rundown below the spray contact point.
3. Let the first application penetrate for 5-10 minutes. Reapply in the same saturating manner. Less material will be required on the second application.

#### BRUSH OR ROLLER:

Take extra care to saturate the surface. Brush out heavy runs and drips that do not penetrate the surface after a few minutes.

### Horizontal Instructions

Saturate so the surface stays wet for a few minutes. Thoroughly broom out any pools or puddles that don't completely penetrate.

### Dense Surface Application Instructions

Apply a single coat. Use enough H40 to completely wet the surface without creating drips, puddles or rundown. Do not over apply. Test for application rate.

Protect the treated surface from rain and traffic for 4-6 hours after application. Highly absorbent horizontal surfaces may take several days before the damp appearance is gone. Weather Seal H40 gains its water-repellency properties in 72 hours.

### Cleanup

Clean tools and equipment immediately with mineral spirits or an equivalent cleaning solvent. Remove overspray and spills as soon as possible.

### Strengthening Deteriorated Surfaces

For maximum strengthening benefits, apply H40 in as few as 1 and as many as 3 “cycles.” Each cycle consists of 3 consecutive saturating applications applied at 5 to 10 minute intervals. Allow

enough time between cycles (30-60 minutes) for penetration of the previous application.

### Painting Treated Surfaces

Surfaces treated with Weather Seal H40 can be painted over with most high quality, oil-base and acrylic emulsion paints. Testing is always necessary to ensure adhesion.

## SAFETY INFORMATION

Danger. Combustible liquid and vapor. Harmful or fatal if swallowed. Keep out of the reach of children. Read full label for precautionary instructions before use.

### Precautionary Measures

**Contains:** Odorless Mineral Spirits, Isobutyltriethoxysilane, Alkyl polysilicates, ethyl alcohol. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye and skin irritation.

**Combustible liquid and vapor.** Keep away from heat, sparks and flame. Vapors may travel along the ground or by ventilation to remote ignition sources. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Use appropriate, spark-proof equipment during transfer and application. Do not cut, grind, weld, or drill on or near this container, even if empty.

**Use only with adequate ventilation.** Do not breathe vapors or mist. Inhalation of aerosols may cause lung damage. Ensure fresh air entry during application and drying. When applying to exteriors of occupied buildings, make sure all windows, exterior intakes and air conditioning vents are covered and air handling equipment are shut down during application and remain so until odors dissipate. Ethyl alcohol will evolve during curing of this product. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted, NIOSH-approved respirator. Wear a dust/mist respirator if mists are present. Avoid contact with eyes, skin and clothing. Wear safety glasses and gloves to prevent contact. Additional protection may be required depending on application methods. Wash thoroughly after handling. Read the MSDS and product label for additional precautionary information. Always read product label thoroughly before use.

### First Aid

**Ingestion:** If swallowed, call a physician immediately.

**ASPIRATION HAZARD:** Do not induce vomiting or give anything by mouth. Only induce vomiting at the instructions of a physician. If vomiting occurs, keep head below waist to prevent entry of liquid into lungs.

**Eye Contact:** Rinse eyes thoroughly for 15 minutes. Get medical assistance if irritation persists.

**Skin Contact:** Rinse thoroughly with soap and water. Remove contaminated clothing and laundry before reuse. Get medical attention if irritation persists.

*Inhalation:* Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get immediate medical attention.

### **24-Hour Emergency Information: INFOTRAC at 800-535-5053**

**NOTICE:** Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Spills:** Eliminate sources of ignition. Follow all label precautions. Keep product from soil, sewer systems and water. Contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

**Container Disposal:** This container is hazardous when empty. Do not reuse container or remove label. Drain thoroughly and dispose of in a sanitary landfill (check local restrictions) or send to a properly licensed reconditioner.

**Storage and Handling:** Store this container upright in a cool, dry, shady place with adequate ventilation. Keep away from heat and open flames. Keep tightly closed when not dispensing. Do not use pressure to empty. **Do not alter** or dilute the product except as specified. Do not use for any other purpose. Always protect passersby, building occupants and non-masonry surfaces.

## **WARRANTY**

The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. However, no guarantee of their accuracy is made because we cannot cover every possible application of our products, nor anticipate every variation encountered in masonry surfaces, job conditions and methods used. The purchasers shall make their own tests to determine the suitability of such products for a particular purpose.

PROSOCO, Inc. warrants this product to be free from defects. **Where permitted by law, PROSOCO 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 make his own tests to determine the suitability of this product for his particular purpose. PROSOCO's liability shall be limited in all events to supplying sufficient product to re-treat the specific areas to which defective product has been applied. Acceptance and use of this product absolves PROSOCO from any other liability, from whatever source, 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 PROSOCO, its distributors or dealers.

## **CUSTOMER CARE**

Factory personnel are available for product, environment and job-safety assistance with no obligation. Call 800-255-4255 and ask for Customer Service – technical support.

Factory-trained representatives are established in principal cities throughout the continental United States. Call Customer Care at 800-255-4255, or visit our web site at [www.prosoco.com](http://www.prosoco.com), and request the name of the Sure Klean® Weather Seal representative in your area.

---

\*PROSOCO Technical Data for reactive, penetrating protective treatments reports Active Content – a calculated value based on raw materials used in the formulation. Some active content is consumed as the treatment polymerizes, reacts and bonds with the substrate.

ASTM D 5095 - Standard Test Method for Determination of the Nonvolatile Content in Silanes, Siloxanes and Silane-Siloxane Blends Used in Masonry Water Repellent Treatments – adds a catalyst to reactive treatments to measure total solids. Total solids for this product is 21%.