

## 07 00 00 Thermal &amp; Moisture Protection

07 19 00 Water Repellents

07 19 16 Silane Water Repellents

➔ **SURE-KLEAN**® Weather Seal**H40***masonry-strengthening water repellent***OVERVIEW**

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.

Weather Seal H40 also 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.

**SPECIFICATIONS**

For all PROSOCO product specifications visit [www.prosoco.com](http://www.prosoco.com) and click on "SpecBuilder" or "Solution Finder."

**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). Avoid application on extremely windy days to avoid rapid evaporation of the solvent carrier.
- Not recommended for application to new concrete or below-grade application.
- Will not prevent water penetration through structural cracks, defects or open joints.

**REGULATORY COMPLIANCE****VOC Compliance**

Sure Klean® Weather Seal H40 is compliant with the following national, state and district regulations:

- US Environmental Protection Agency
- California Air Resources Board SCM Districts
- South Coast Air Quality Management District
- Maricopa County, AZ
- Northeast Ozone Transport Commission

Manufactured and marketed in compliance with USEPA AIM VOC regulations (40 CFR 59.403).

**TYPICAL TECHNICAL DATA**

FORM	clear liquid
SPECIFIC GRAVITY	0.882
pH	Not applicable
WT/GAL	7.34 lbs
ACTIVE CONTENT	23%
TOTAL SOLIDS	21% ASTM D 5095
VOC CONTENT	>600 g/L
FLASH POINT	108° F (42°C) ASTM D 3278
FREEZE POINT	<-22° F (<-30° C)
SHELF LIFE	2 years in tightly sealed, unopened container.

# → SURE-KLEAN® Weather Seal H40

**PRODUCT DATA SHEET**  
**PROSOCO**  
SINCE 1939

## PREPARATION

Protect people, property, vehicles, plants and all non masonry 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.

Ensure fresh air entry and cross ventilation during application and drying. Extinguish all flames, pilot lights and other potential sources of ignition during use and until all vapors are gone.

When applying to exteriors of occupied buildings make sure all windows, exterior intakes and air conditioning vents are covered and air handling

equipment is shut down during application and until all vapors have dissipated. 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.

## ALWAYS TEST

**ALWAYS TEST** a small area of each surface to confirm suitability and desired results before starting overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application.

of 45–100°F (7–38°C). Do not double stack pallets. Dispose of unused product and container in accordance with local, state and federal regulations.

## 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

### Vertical Surfaces: Spray Application

1. For best results, apply Weather Seal H40 “wet-on-wet.”
2. Spray from the bottom up, saturating with enough material for a 6 to 8 inch 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.

### Vertical Surfaces: Brush or Roller Application

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

## 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.

## 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.

## Storage and Handling

Store in a cool, dry place away from potential ignition sources. Keep tightly closed when not dispensing. Published shelf life assumes upright storage of factory-sealed containers in a dry place. Maintain temperature

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	50–175 sq.ft. 5–16 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Marble*, Travertine, Limestone	Polished	no	N/A
	Unpolished	yes	100–175 sq.ft. 9–16 sq.m.
Granite*	Polished	no	N/A
	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.

### **Horizontal Surfaces**

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

### **Dense Surfaces Application**

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.

### **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.

### **Drying Time**

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 over spray and spills as soon as possible.

### **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**

Sure Klean® Weather Seal H40 is a solvent-carried product and may cause symptoms typical with organic solvent exposures. This is a combustible material. Use appropriate ventilation, safety equipment and job site controls during application and handling. Read the full label and MSDS for precautionary instructions 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 launder 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**

## **BEST PRACTICES**

Surface should be clean, dry and absorbent before application.

Clean soiled surfaces with the appropriate Sure Klean® or Enviro Klean® cleaner before application. Call Customer Care toll-free at 800-255-4255 for recommendations.

Fill all cracks and voids to keep fumes out of occupied buildings. All caulks and sealants should be in place and fully cured.

Preferred method of application is low-pressure spray equipment. Use a fan-type spray tip and adjust pressure to avoid atomization of the material.

For best consolidation of weakened substrates, use the "cycling" method as detailed on page 3. See "Strengthening Deteriorated Surfaces."

**ALWAYS TEST** for best coverage rates and to confirm results before overall application. Test using the application instructions included herein. Let the test area dry thoroughly before inspection.

Never go it alone. If you have problems or questions, contact your local PROSOCO distributor or field representative. Or call PROSOCO technical Customer Care, toll-free at 800-255-4255.

## 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 Care - 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), for the name of the Sure Klean® Weather Seal representative in your area.