



Custom Masonry Sealer

concrete, masonry and cast stone weatherproofers

OVERVIEW

Sure Klean® Custom Masonry Sealer is a clear, solvent-based silicone elastomer formulated to weatherproof custom masonry units, cast stone, architectural concrete block, precast concrete, wood and porous masonry. Custom Masonry Sealer penetrates and fills pores to prevent water penetration through exterior walls exposed to normal weathering.

Custom Masonry Sealer has excellent UV stability and provides long-lasting protection against water penetration and many types of graffiti. Easy to apply with low-pressure spray, brush or roller.

SPECIFICATIONS

For all PROSOCO product specifications visit www.prosoco.com.

ADVANTAGES

- Controls rainwater penetration through exterior masonry and concrete walls.
- Treated surfaces resist penetration of many types of graffiti.
- Simplifies graffiti removal.
- Helps control efflorescence, mildew and other moisture-related stains.
- Treated surfaces exhibit excellent surface beading and withstand exposure to sunlight and extreme temperatures.
- Treated surfaces “breathe” – does not trap moisture.

Limitations

- May not be compatible with previously applied surface treatments.
- Not for use on horizontal, traffic bearing surfaces.
- Not suitable for extremely dense or polished surfaces.
- Not appropriate for application to asphaltic or painted surfaces.
- Not suitable for application to synthetic resin paints, gypsum, plaster or other non-masonry surfaces.
- Not recommended for below-grade applications.
- Will not prevent water penetration through structural cracks, defects or open joints.

REGULATORY COMPLIANCE

VOC Compliance

Sure Klean® Custom Masonry Sealer is compliant with the following national, state and district AIM VOC 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	0.802
pH	Not applicable
WT/GAL	6.67 lbs
ACTIVE CONTENT	9%
TOTAL SOLIDS	9% ASTM D 2369
VOC CONTENT	>600 g/L
FLASH POINT	100°F (38°C) ASTM D 3278
FREEZE POINT	<-22°F (<-30°C)
SHELF LIFE	1 year in tightly sealed, unopened container

Custom Masonry Sealer

PREPARATION

Protect people, property, vehicles, plants, windows, painted surfaces, anodized aluminum and all non masonry surfaces that may come into contact with the product, spray, wind drift or fumes. Protect and/or divert pedestrian and auto traffic. Some metal finishes and glass may be damaged by Custom Masonry Sealer. Test and protect. Sure Klean® Strippable Masking is not appropriate for use with Custom Masonry Sealer.

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 vapors have dissipated. Apply at recommended coverage rates as excess material may contribute to vapor problems.

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.

Recommended for these substrates. Always test. Coverage is in sq.ft./m. per gallon.			
Substrate	Type	Use?	Coverage
Custom Masonry/ Cast Stone	Burnished	yes	50–100 sq.ft. 5–9 sq.m.
	Polished	no	
	Ribbed	yes	
	Smooth	yes	
	Split-faced	yes	
Architectural Concrete Block	Burnished	yes	30–100 sq.ft. 3–9 sq.m.
	Ribbed	yes	
	Smooth	yes	
	Split-faced	yes	
Concrete*	Brick	yes	75–175 sq.ft. 7–16 sq.m.
	Tile	yes	
	Precast Panels	yes	
	Pavers	no	
	Cast-in-place	yes	
Fired Clay*	Brick	yes	50–125 sq.ft. 5–12 sq.m.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	no	
Marble, Travertine, Limestone	Polished	no	N/A
	Unpolished	yes	75–125 sq.ft. 7–12 sq.m.
Granite*	Polished	no	N/A
	Unpolished	no	N/A
Sandstone*	Unpolished	yes	100–150 sq.ft. 9–14 sq.m.
Slate	Unpolished	no	N/A
*May slightly darken or enhance natural color of some surfaces. Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.			

Surface should be clean, dry and absorbent. If cleaning is necessary, use the appropriate Sure Klean® cleaner. Do not use raw acids. Let cleaned surfaces dry completely. Newly constructed surfaces and repointed surfaces should cure for 28 days before application. Sealing and caulking compounds should be in place and cured before application. Fill all cracks and voids to keep fumes out of building.

NOTE: Some floor and wall systems incorporate asphaltic or other crack-suppression membranes. This deeply penetrative protective treatment may penetrate through exposed stone, tile, grout or paver surfaces and react with the membrane to mobilize objectionable staining. Always pretest to ensure desired results.

Custom Masonry Sealer may not be compatible with previously applied surface treatments. Carefully evaluate the appearance and wetting characteristics of surfaces designated to be treated. If a field or factory-applied treatment is detected, test to confirm compatibility or contact PROSOCO for advice on removal of the previous treatment.

Surface and Air Temperatures

If freezing conditions exist before application, let the masonry thaw. Surface and air temperatures should be at least 40°F (4°C) and not above 90°F (32°C) during application. Higher temperatures evaporate the solvent carrier and reduce penetration.

Equipment

Use brush, roller or low-pressure spray (<50 psi). Fit spray equipment with stainless steel or brass fittings and gaskets suitable for solvent solutions. Fan spray tips are recommended to avoid atomization of the material. Brushes and rollers should be nylon or other synthetic material resistant to solvent solutions.

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 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.

Custom Masonry Sealer

APPLICATION

Before applying product, read "Preparation" and "Safety Information."

ALWAYS TEST each type of surface for suitability and results before overall application. Product may darken some substrates. Test using the following application instructions. Let area dry thoroughly before inspection. Verify any darkening from the treatment is acceptable.

Dilution

Use in concentrate. Do not dilute or alter. Stir thoroughly before use. Keep container tightly sealed until ready to use. Once opened, Custom Masonry Sealer must be used immediately.

Application Instructions

Sprayer

1. Apply in a saturating "wet-on-wet", spray application from the bottom up. Apply sufficient material to create a 6–8 inch rundown below the contact point.
2. Allow the first application to penetrate for 2–3 minutes and then reapply in the same saturating manner. Less material will be required on the second application.

When spray applying to fluted surfaces, spray in a "overlapping X-pattern" to ensure complete coverage of recessed surfaces.

When applying to burnished, ground face or similar smooth surfaces, use care to avoid over application. Reduce rundown to 4–6 inch below the contact point and pre-test to confirm desired results.

Extremely porous surfaces will require 2 coats. See instructions under Second Coat Application.

Brush or Roller

1. When applying with a brush or roller, apply sufficient material to thoroughly saturate the surface.
2. Avoid excessive overlapping. Brush out runs and drips to avoid buildup.

Dense Surfaces

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

Second Coat Application

Some surfaces may require 2 coats of Custom Masonry Sealer to provide maximum protection. Apply the second coat as soon as the first coat is dry to touch, or within 2 hours of the first coat. Allowing more than 2 hours between coats will reduce effectiveness of second coat.

Drying Time

Protect treated surfaces from rain for at least 4–6 hours after application. Custom Masonry Sealer gains its water-repellency properties in 24 hours.

Cleanup

Clean tools with mineral spirits.

Graffiti Removal

Remove most types of graffiti with PROSOCO's Defacer Eraser® Graffiti Wipe. Refer to information on PROSOCO's Defacer Eraser® product line for application to high-exposure areas.

BEST PRACTICES

Some metal finishes and glass may be damaged by Custom Masonry Sealer. Test and protect.

Custom Masonry Sealer may not be compatible with previously applied surface treatments. Carefully evaluate the appearance and wetting characteristics of surfaces designated to be treated. If a field or factory-applied treatment is detected, test to confirm compatibility or contact PROSOCO for advice on removal of the previous treatment.

Preferred method of application is low-pressure spray (<50 psi) equipment. Use a fan-type spray tip and adjust pressure to avoid atomization of the material.

Fan spray tips are recommended to avoid atomization of the material. Brushes and rollers should be nylon or other synthetic material resistant to solvent solutions.

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

Custom Masonry Sealer

SAFETY INFORMATION

Sure Klean® Custom Masonry Sealer 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

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, for the name of the Sure Klean® representative in your area.