

HEAVY DUTY RESTORATION CLEANER

Concentrated carbon & pollution remover

DESCRIPTION AND USE

Sure Klean® Heavy Duty Restoration Cleaner is a concentrated acidic cleaning compound for the removal of heavy atmospheric staining from unpolished masonry.

Used properly, Heavy Duty Restoration Cleaner dissolves heavy carbon and many other stains commonly found on masonry buildings in highly polluted areas. Dilute with water to produce a cost-effective, general-purpose restoration cleaner for brick, granite, sandstone, slate, terra cotta and many other surfaces.

Limitations

- Repeated application, or use when diluted with less than three parts fresh water, may damage some masonry surfaces. Use Sure Klean® Light Duty Restoration Cleaner or Sure Klean® Restoration Cleaner where possible.

PREPARATION

Protect people, vehicles, property, plants and all nonmasonry surfaces from cleaner. Complete cleaning before installing windows, doors, hardware, light fixtures, roofing materials and any other nonmasonry items. If such fixtures have been installed, protect before application of cleaner. All caulking and sealant materials should be in place and thoroughly cured before cleaning begins.

Avoid exposing building occupants to fumes. On occupied buildings, cover all windows, air intakes and exterior air conditioning vents. Shut down air handling equipment during cleaning and until surfaces are thoroughly dry. Fumes attack glass, metal and all other acid-sensitive surfaces.

Surface & Air Temperatures

Best cleaning results are obtained when air and masonry surface temperatures are 40°F or above.

Equipment

Apply using an acid-resistant brush or low-pressure airless spray equipment with a maximum 50 psi. Equipment should be fitted with acid-resistant hoses and gaskets to avoid discoloration. Pressure water rinsing equipment with a fan-type spray tip of 15° providing 400 to 1200 psi at a flow rate of 4 to 6 gallons of water per minute proves most effective.

Pressure spray above 50 psi drives the chemicals deep into the surface, making it difficult to rinse completely, and may result in staining.

SAFETY INFORMATION

Product contains hydrofluoric, hydroxyacetic, and sulfamic acids. MSDS & Spec Data Sheets should be referred to prior to use.

APPLICATION

Before use, read “Preparation” and “Safety Information.” ALWAYS TEST each type of surface and stain before overall application. Test using the following application procedures. Let test area dry thoroughly before inspection and approval.

Dilutions

Heavy Duty Restoration Cleaner must be diluted with fresh water before application. Failure to dilute may result in bleaching. When diluting, always pour cold water into bucket first, the carefully add product. Use polyethylene or polypropylene buckets only.

For porous masonry, dilute one part concentrate to 3 parts water, depending on test results.

For non-porous masonry (glazed brick, terra cotta), dilute one part concentrate to 4 to 6 parts water, depending on test results.

Application Instructions

1. Prewet the surface with clean water.
2. Apply the cleaner using a brush or low-pressure spray.
3. Let the cleaning solution stay on the surface for 3 to 5 minutes. Reapply. Gently scrub heavily soiled areas. **NOTE:** Do not let cleaner dry on the surface. If drying occurs, lightly wet treated surfaces with fresh water and reapply in a gentle scrubbing manner.
4. Rinse with low-pressure flood rinse to remove initial acidic residue with minimum risk of wind drift.
5. Rinse thoroughly using high-pressure spray.

COVERAGE & PACKAGING

Substrate	Type	Use?	Coverage
Fired Clay	Brick	yes	125-400 sq. ft.
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Granite	Polished	no	N/A
	Unpolished	yes	300-600 sq. ft.
Sandstone	Unpolished	yes	250-500 sq. ft.
Slate	Unpolished	yes	300-600 sq. ft.

Available in 5 and 55 gallon containers

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