



PROSOCO

MASONRY RESTORATION





Turn back the hands of time.

Historic preservation is our legacy at PROSOCO. We're proud of our part in pioneering the cleaning industry in 1939, and the restoration industry in 1956. Another part of our legacy? Our longstanding and undeterred commitment to you, our customer.

We've proven time and time again that we'll do anything possible to help our customers succeed. We don't just sell superior and proven cleaners and protective treatments. We'll be right there with you on the job site to ensure that every little aspect goes as smoothly as possible.

When it comes to restoration, we know our stuff. We know that time is no friend to masonry buildings. Over time, a variety of stains and conditions are likely to occur on masonry, including carbon deposits, atmospheric staining, and biological soiling. For those stains and more, we've got the products, information and technical support you need to leave your project – and your reputation – looking sharp.



Grand Central Station, New York, NY
Exterior limestone and interior masonry cleaned with PROSOCO cleaners

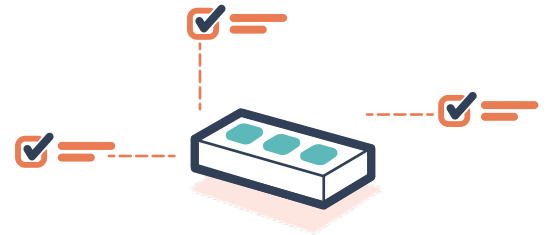


Know your masonry

Each different kind of masonry has a unique chemistry.

The chemical composition of calcareous masonry (like limestone, marble, or travertine) is much different than siliceous masonry (like clay brick or sandstone). Using the wrong cleaner on the wrong substrate can cause irreparable damage to your building.

Because each substrate has a unique chemistry, PROSOCO makes cleaners to match. Working with PROSOCO can ensure that chemical nuances won't lead to costly mistakes.



SafRestorer is used to safely clean the limestone and masonry exterior of Topeka High School (c. 1931) in Topeka, KS.

Know your cleaner

Restoration cleaning is about doing these two things simultaneously.

1) Removing the stain; and 2) not causing any damage to the masonry you are trying to clean.

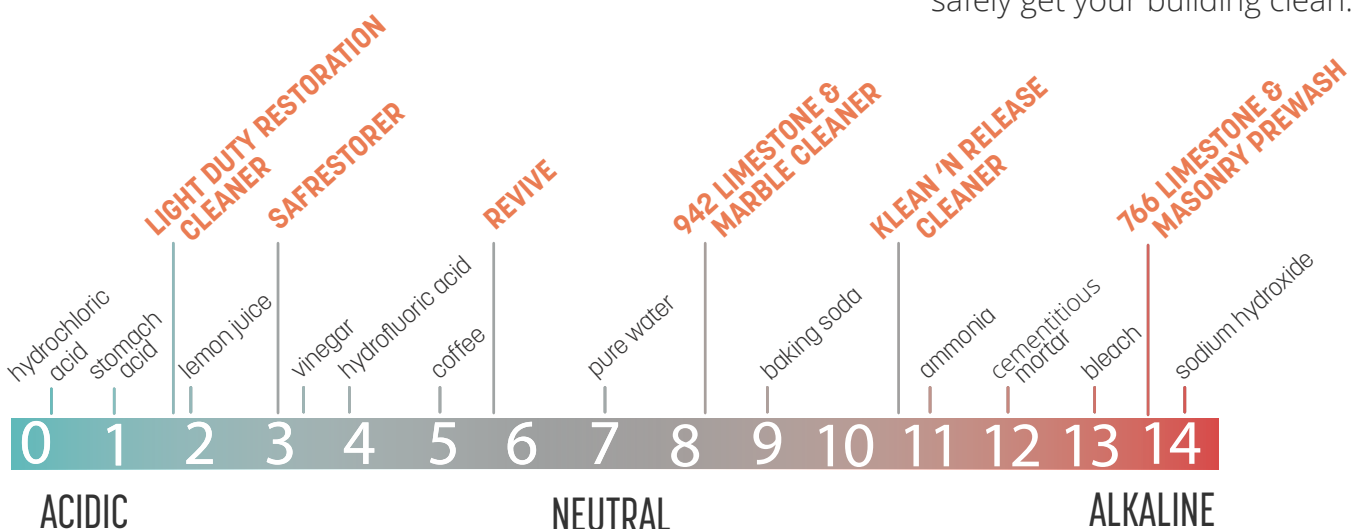
In this booklet, you will find a large selection of cleaning products, each one designed with a slightly different chemical makeup to achieve a different cleaning task. We always recommend starting with the mildest cleaner at the mildest dilution and increasing the strength as necessary.

If you took high school chemistry, you might remember that on the pH scale, the acidic side goes from 0 to 7, and the alkaline side goes from from 7 to 14. PROSOCO's offerings of masonry cleaners span the pH spectrum to clean all real-world combinations of different stains on different substrates.



Look beyond the label

Sometimes, the most important ingredient of the restoration cleaner is not in the container. It's the technical support that comes with it. PROSOCO's dedicated Customer Care team is available by phone to make sure you have the right information, and product, to safely get your building clean.





MASONRY CLEANERS



1260 Limestone & Marble Poultice

PULLS STAINING OUT OF SENSITIVE MASONRY

It draws deep-seated oil, dirt, harmful salts and other embedded stains out of sensitive masonry, including polished limestone and marble. Aided by special detergents and chelating agents, the moist poultice literally pulls contaminants out of the masonry pores and absorbs them into the paste. Ready for interior use.



PASTE



CLEANS LIMESTONE & MARBLE

CLEANS MODERATE TO HEAVY SOILING



2010 All Surface Cleaner

VERSATILE CLEANER FOR GENERAL DIRT & GRIME ON MULTIPLE SUBSTRATES

A cleaner and degreaser for light-to-heavily soiled stone, tile, masonry and concrete. 2010 is powerful and versatile enough to replace a host of individual cleaning agents. Ready for interior use.



LIQUID



CLEANS ALL VARIETIES OF STONE, TILE & MASONRY

CLEANS LIGHT TO HEAVY SOILING



766 Limestone & Masonry Prewash <-----> Limestone & Masonry Afterwash

GELLED FORMULATION FOR A LONGER DWELL TIME

This two-part cleaning system removes heavy carbon, dirt and other atmospheric stains from masonry. The Prewash is a strong, alkaline-based cleaner that removes the soiling. The Afterwash is a mild organic acid cleaning compound that neutralizes and brightens the surface. Not for use on polished limestone, marble, or travertine.



GEL LIQUID



CLEANS BRICK, TERRA COTTA, SANDSTONE & LIMESTONE

CLEANS MODERATE TO HEAVY SOILING



942 Limestone & Marble Cleaner

READY-TO-USE, NON-ACIDIC ALKALINE CLEANING GEL

Designed for removing moderate to severe atmospheric staining, this low-odor gel cleaner is appropriate for use on exterior or interior masonry surfaces. Ready for interior use.



GEL



CLEANS MOST POLISHED OR UNPOLISHED MARBLE & LIMESTONE

CLEANS LIGHT TO HEAVY SOILING



Cleaner/Degreaser

VERSATILE CLEANER THAT CAN BE DILUTED BASED ON SEVERITY OF STAINING

Cuts through greasy fuel & oil residues & atmospheric soiling without using the harsh acids, caustics & solvents common to many other degreasers. This environmentally responsible alternative removes widespread oil & grease films, adhesive tape residues & rubber tire marks from concrete floors. Ready for interior use.



LIQUID



CLEANS CONCRETE

CLEANS LIGHT TO HEAVY SOILING



MASONRY CLEANERS



DriKlean

PEELABLE CLEANER FOR WHEN WATER CANNOT BE USED

An apply-and-peel cleaner designed for interior spaces where traditional liquid cleaners cannot be used. Brush it onto limestone, marble, travertine, concrete, brick and more to remove dust, soot and oils. Once the film dries, both the cleaner and the soiling are easily peeled away. Ready for interior use.



VISCOUS LIQUID



CLEANS CONCRETE, BRICK, LIMESTONE, SANDSTONE, MARBLE, TRAVERTINE, PLASTER & TERRA COTTA



CLEANS LIGHT TO HEAVY SOILING



EK Restoration Cleaner

GEL-BASED CLEANER FOR ATMOSPHERIC STAINING

This concentrated compound dissolves tough carbon deposits and other atmospheric staining. Since EK Restoration Cleaner is near-neutral, it is a practical alternative to conventional acidic cleaners. Not for use on limestone, marble, travertine, or polished surfaces.



GEL



CLEANS BRICK, GRANITE, SANDSTONE, TERRA COTTA & OTHER MASONRY



CLEANS MODERATE TO HEAVY SOILING



CLEANS ALMOST ANYTHING

Klean 'N Release Cleaner

US EPA Safer Choice-certified cleaner



LIQUID



CLEANS CONCRETE, PAVERS, STONE & OTHER POROUS SURFACES



CLEANS LIGHT TO MODERATE SOILING

This all-purpose cleaner & degreaser cleans soiled stone, tile, masonry, EIFS, stucco and metal panels. It is safe enough for use on historic preservation & restoration projects yet strong enough for new construction. Klean 'N Release is a US EPA Safer Choice-certified cleaner that meets the Safer Choice direct release criteria. Ready for interior use.



POWERFUL CLEANER



POWERFUL DEGREASER



EASY TO USE



SAFE FOR PEOPLE, PLANTS, LAWNS, PETS & WILDLIFE



NO PHOSPHATES



NO HAZARDOUS SOLVENTS



MASONRY CLEANERS



Heavy Duty Concrete Cleaner

FOR ALL TYPES OF STAINING ON CONCRETE & NON-COLORED BLOCK

This concentrated power cleaner for concrete removes concrete splashes, excess mortar, retarders, heavy efflorescence, embedded stains, rust and surface soiling from textured concrete surfaces. Not for use on polished surfaces.



Heavy Duty Restoration Cleaner

CLEANS HEAVY ATMOSPHERIC STAINING OFF BRICK

This concentrated carbon and pollution remover is an acidic cleaning compound for the removal of heavy atmospheric staining from unpolished masonry. It dissolves heavy carbon and many other stains commonly found on masonry buildings in highly polluted areas. Not for use on polished surfaces.



Light Duty Concrete Cleaner

NON-ETCHING CLEANER REMOVES VARIETY OF STAINING FROM MULTIPLE SUBSTRATES

A non-etching acidic cleaner that removes common construction & atmospheric staining from many substrates, including architectural & engineered concrete, custom masonry, concrete brick, manufactured stone & pavers. Not for use on polished surfaces.



Light Duty Restoration Cleaner

GEL-BASED CLEANER FOR EASY APPLICATION & CONTAINMENT

This gelled cleaner safely removes light to moderate atmospheric and oxidation staining from dense masonry surfaces and removes difficult calcium (concrete) stains, white scum and other staining from most window glass. Not for use on polished surfaces.



Limestone Restorer

REMOVES SEVERAL TYPES OF STAINING FROM LIMESTONE, MARBLE & TRAVERTINE

A concentrated acidic cleaner for unpolished limestone, marble, granite, sandstone, slate, concrete and cast stone surfaces. It safely removes atmospheric dirt, mildew and many other surface stains without the risk of bleaching or discoloration. Not for use on polished surfaces.



The columns in the Great Hall of Chicago's Union Station being cleaned with PROSOCO's 2010 All Surface Cleaner.





MASONRY CLEANERS



Liquid Marble Cleaner

PERFECT FOR POLISHED MASONRY OR GLAZED STONWORK

A non-acidic, phosphate-free, low-odor gel cleans polished stonework or glazed masonry. It loosens and dissolves surface dirt, carbon buildup and other atmospheric stains, allowing them to be washed away with a simple water rinse. Ready for interior use.



Marble Poultice

VERSATILE POULTICE CAN BE MIXED WITH WATER OR SEVERAL ADDITIVES

Safely removes surface and deep-set staining from polished stone and porous masonry surfaces. The “pulling” action of Marble Poultice draws oil, dirt and other deep-set stains into the poultice paste for easy removal with a damp sponge or low-volume water rinsing. Ready for interior use.



Oil & Grease Stain Remover

PULLS OIL & GREASE STAINS OUT OF CONCRETE & OTHER SURFACES

After pouring Oil & Grease Stain Remover onto an embedded stain, it spreads out to make an instant poultice – no mixing, troweling, plastic covering or tape needed. As the poultice dries, it pulls the contaminants out of the substrate. Ready for interior use.



Poultice Additive

MIX WITH MARBLE POULTICE TO PULL OUT SALTS AND METALLIC STAINING

Removes certain metallic salts and other deep staining from natural stone and masonry surfaces. Poultice Additive is a clear liquid designed to be mixed with Sure Klean Marble Poultice. Ready for interior use.



ReKlaim Cleaner <-----> ReKlaim Activator

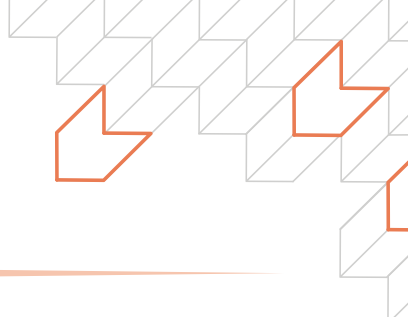
CLEANS HEAVY BIOLOGICAL STAINING FROM MULTIPLE SUBSTRATES

ReKlaim removes biological and atmospheric staining from masonry surfaces and cleans difficult mold and mildew staining on limestone, unpolished marble, concrete and other masonry in humid environments. Not for use on polished surfaces.





MASONRY CLEANERS



Restoration Cleaner

HYDROFLUORIC ACID FORMULATION FOR REMOVING ATMOSPHERIC STAINING

A carbon-solubilizing cleaner for brick, granite, sandstone, terra cotta and many exposed aggregate surfaces. It loosens and dissolves dirt, paint oxidation, carbon buildup and other atmospheric pollutants. Not for use on limestone, marble, or travertine.



LIQUID



CLEANS BRICK, GRANITE, SANDSTONE, & TERRA COTTA

CLEANS MODERATE TO HEAVY SOILING



ReVive

MILD CLEANER FOR LIGHT TO MODERATE MOLD & MILDEW

This highly efficient alternative to aggressive masonry cleaners removes mold, mildew and atmospheric staining and soiling from all types of stone, concrete and brick masonry.



LIQUID



CLEANS STONE, CONCRETE, BRICK, WOOD, METAL & GLASS

CLEANS LIGHT TO MODERATE SOILING



SafEtch

CLEANS & PREPS CONCRETE FOR APPLICATION OF DENSIFIERS OR OTHER COATINGS

An effective, safe alternative to traditional acidic compounds for cleaning and preparing concrete for application of additional coatings. SafEtch removes common construction and atmospheric staining, including excess grout and mortar modified with latex or other acrylic additives. Not for use on limestone, marble, or travertine.



LIQUID



CLEANS & ETCHES CONCRETE

CLEANS MODERATE TO HEAVY SOILING



SafRestorer

SAFELY CLEANS MOST SUBSTRATES, INCLUDING UNPOLISHED LIMESTONE, & MARBLE

Removes stubborn atmospheric and carbon staining on masonry and stone. It restores the intended appearance of buildings soiled by decades of auto exhaust and other air pollutants and gets rid of soiling and hard-to-remove deposits on window glass, including white scum. Not for use on polished surfaces.



LIQUID



CLEANS STONE, MASONRY, LIMESTONE & MARBLE

CLEANS LIGHT TO MODERATE SOILING



ReVeal

EFFECTIVE CLEANING WITHOUT HYDROFLUORIC ACID OR AMMONIUM BI-FLUORIDE

A restoration cleaner designed to remove stubborn atmospheric and carbon staining on masonry and stone. It reveals the intended appearance of buildings soiled by decades of auto exhaust and other air pollutants. Not for use on polished marble, limestone, or travertine.



LIQUID



CLEANS CONCRETE, BRICK, LIMESTONE, SANDSTONE, MARBLE, TRAVERTINE, PLASTER & TERRA COTTA

CLEANS MODERATE TO HEAVY SOILING



Best practices for conducting test panels.

Select a representative but inconspicuous area.

Test all substrates you plan to clean.

For example, if brick and limestone need to be cleaned, test both substrates in areas with representative staining. Test both masonry types in areas that contain a full spectrum of staining (lightest to heaviest).

Test using the same methods you plan to clean with.

Use the same equipment, surface preparation, and application procedures planned for general application.

Ensure testing is completed in the same environmental conditions as your full-scale cleaning. You want air and surface temperatures during your test panel to be similar to the air and surface temperatures during your full-scale cleaning. If temperatures differ, dwell times and dilution rates may need to be adjusted and tested again.

Let surfaces fully dry before evaluating results. Allow for test panels to dry for 3 to 5 days before evaluating the results (a dry surface will typically appear cleaner than a wet one).

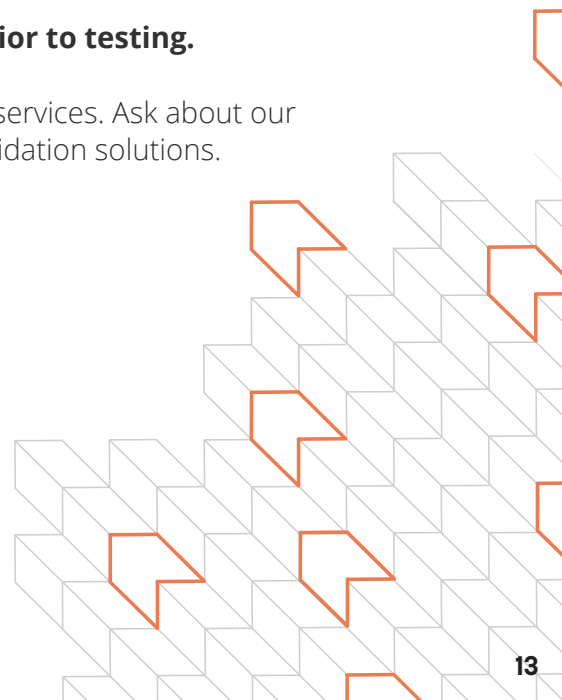
Test different cleaners and dilution rates. Test various cleaner types and dilution rates to determine the most appropriate dilution rate for your desired level of cleanliness.

Never use metallic bristle brushes or scrapers when cleaning masonry. In addition to the potential for damage, the metallic materials can leave deposits in the masonry that can easily cause rust spots.

If completing paint removal testing, remove loose material prior to testing.

Don't forget - Our lab is here to support you with extensive testing services. Ask about our pallet tag program, project-based substrate testing and stone consolidation solutions.

On a project in Portland, Ore., PROSOCO's Regional Sales Manager helped the project team determine the best product to clean the dirt and carbon soiling off of this precast concrete. The solutions tested were Klean 'N Release Cleaner, Light Duty Restoration Cleaner, Light Duty Concrete Cleaner, ReVeal and cold water. After cleaning, rinsing, and allowing to dry completely, Light Duty Restoration Cleaner was selected to clean the entire building.



Consolidation treatments

Since the 1980s, conservators have used PROSOCO's Conservare® consolidation treatments to save much of North America's most spectacular and valued architecture from decay and loss. New York's Trinity Church, the U.S. Capitol, Indianapolis' Soldiers and Sailors Monument and countless other projects have gotten new leases on life, thanks to the stone-strengthening characteristics of these remarkable products.

Consolidation Treatment on the U.S. Capitol The Aquia Creek sandstone exterior of U.S. Capitol building had extensive deterioration and was badly in need of repair. Forty percent was so damaged that officials at the Architect of the Capitol had no choice but to replace those stones. But the other 60% could be saved by applying PROSOCO's consolidation treatment. The stone-strengthening treatment restored the natural binding materials in the stone lost to weathering, making the stone stronger and more resistant to deterioration. The Architect of the Capitol then chose an application of a PROSOCO water repellent to further protect the stone from water-related damage.



US Capitol, Washington, D.C.
Exterior masonry cleaned and protected
with PROSOCO products



CONSOLIDATION TREATMENTS



H100 Consolidation Treatment

WATER REPELLENT & STONE STRENGTHENER ALL-IN-ONE

Strengthens deteriorated sandstone, limestone, cast stone, stucco, brick, and terra cotta and protects it from further water-related deterioration. H100 penetrates deeply into masonry surfaces, and binds individual stone particles together, while simultaneously protecting the treated surface from water-related deterioration. **Strengthens brick, most natural stone, unglazed terra cotta, historic concrete, stucco & cast stone.**



H40

WATER REPELLENT & ECONOMICAL STONE STRENGTHENER

H40 is a deep-penetrating water repellent and consolidation treatment that protects against deterioration caused by water and waterborne contaminants while strengthening weathered surfaces and soft mortar joints. **Strengthens brick, most natural stone, unglazed terra cotta, historic concrete, stucco & cast stone.**



HCT

STRENGTHENS & PROTECTS LIMESTONE, MARBLE, & TRAVERTINE

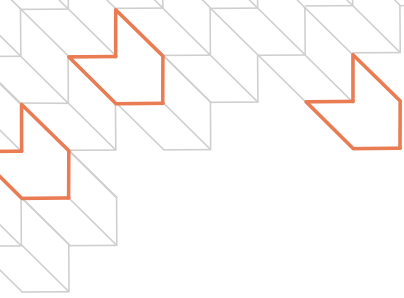
Hydroxylating Conversion Treatment (HCT) is a two-component, waterborne treatment which protects and strengthens deteriorating carbonate building stones. HCT dramatically increases the resistance of marble and limestone surfaces to acid rain, air pollution, and normal weathering. Treatment of HCT should be followed with HCT Finishing Rinse for best performance. **Strengthens limestone, marble & travertine.**



OH100 Consolidation Treatment

PENETRATING STONE & MASONRY STRENGTHENER

Stabilizes masonry by replacing the natural binding materials lost due to weathering with silicon dioxide. OH100 penetrates deeply, does not form a dense surface crust, and retains the substrate's natural vapor permeability. **Strengthens brick, most natural stone, unglazed terra cotta, historic concrete, stucco & cast stone.**



PAINT STRIPPERS & COATING REMOVERS

Multiple layers of paint and other coatings often hide masterpieces of masonry and stonework on and in older buildings. PROSOCO paint strippers and coating removers bring the hidden beauty to light.



Graffiti Remover

REMOVES GRAFFITI FROM MANY SUBSTRATES

Removes a variety of graffiti media, including spray paints and magic marker from masonry. It's compliant with all national, state and district AIM VOC regulations. Graffiti Remover contains no methanol, methylene chloride or other halogenated solvents prohibited on many projects. **Cleans nearly any masonry, concrete, wood & metal surface.**



Heavy Duty Paint Stripper

REMOVES MULTIPLE LAYERS OF PAINT & GRAFFITI

This slow-working, extended-contact remover remains active for 24 hours. Just one application dissolves heavy accumulations of paint, restoring old masonry to its original appearance. **Cleans sandstone, limestone, cast stone, stucco, brick and terra cotta.**



SafStrip

GEL-BASED COATING REMOVER

Quickly removes most paints and clear coats without the use of methylene chloride or methanol. SafStrip breaks the bond of high-strength paints and coatings and it dissolves most spray paints, marking pens & lacquers. **Cleans concrete, brick, unpolished limestone, marble, travertine, sandstone, plaster & terra cotta.**



SafStrip 8

GEL-BASED COATING REMOVER, GOOD FOR INTERIOR USE

Removes most high-strength paints and clear coats without the use of methylene chloride or methanol. SafStrip 8 breaks the bond of oil-based alkyd paints, acrylics and clear sealers and it dissolves spray paints, marking pens and lacquers. **Cleans nearly any masonry, concrete, wood & metal surface.**



PAINT & COATING REMOVERS



Dicone NC9

LIQUID FORMULATION REMOVES SILICONE FROM HORIZONTAL SURFACES

This liquid silicone “digestant” removes silicone-based sealants and adhesives, cured silicone elastomers and silicone water repellent overspray. NC9’s liquid formulation is perfect for water repellent overspray on horizontal surfaces & light sealant removal. **Cleans brick, concrete, natural stone, glass & metal.**



Dicone NC15 Gel

GELLED FORMULATION REMOVES SILICONE FROM VERTICAL SURFACES

This silicone “digestant” removes silicone-based sealants and adhesives, cured silicone elastomers and silicone water repellent overspray. NC15’s gel formulation is perfect for water repellent overspray on vertical surfaces & heavy sealant removal. **Cleans brick, concrete, natural stone, most glass, metal & other hard surfaces.**



*PEEL THE PAINT
RIGHT OFF*

Safety Peel 1

Environmentally responsible paint remover

Safety Peel 1 is a solvent paste designed for the removal of paint, graffiti and clear coatings. It contains no methylene chloride or methanol, is mild in odor and is suitable for interior use. As Safety Peel 1 dries, it traps hazardous paint solids, which are then “peeled” from the surface along with the paste, simplifying containment and disposal. **Cleans nearly any masonry, concrete, wood or metal surface.**



DISSOLVES HARD-TO-REMOVE GRAFFITI



EASY CONTAINMENT & DISPOSAL



INTERIOR OR EXTERIOR



PASTE STICKS TO VERTICAL SURFACES



NO NEUTRALIZATION REQUIRED



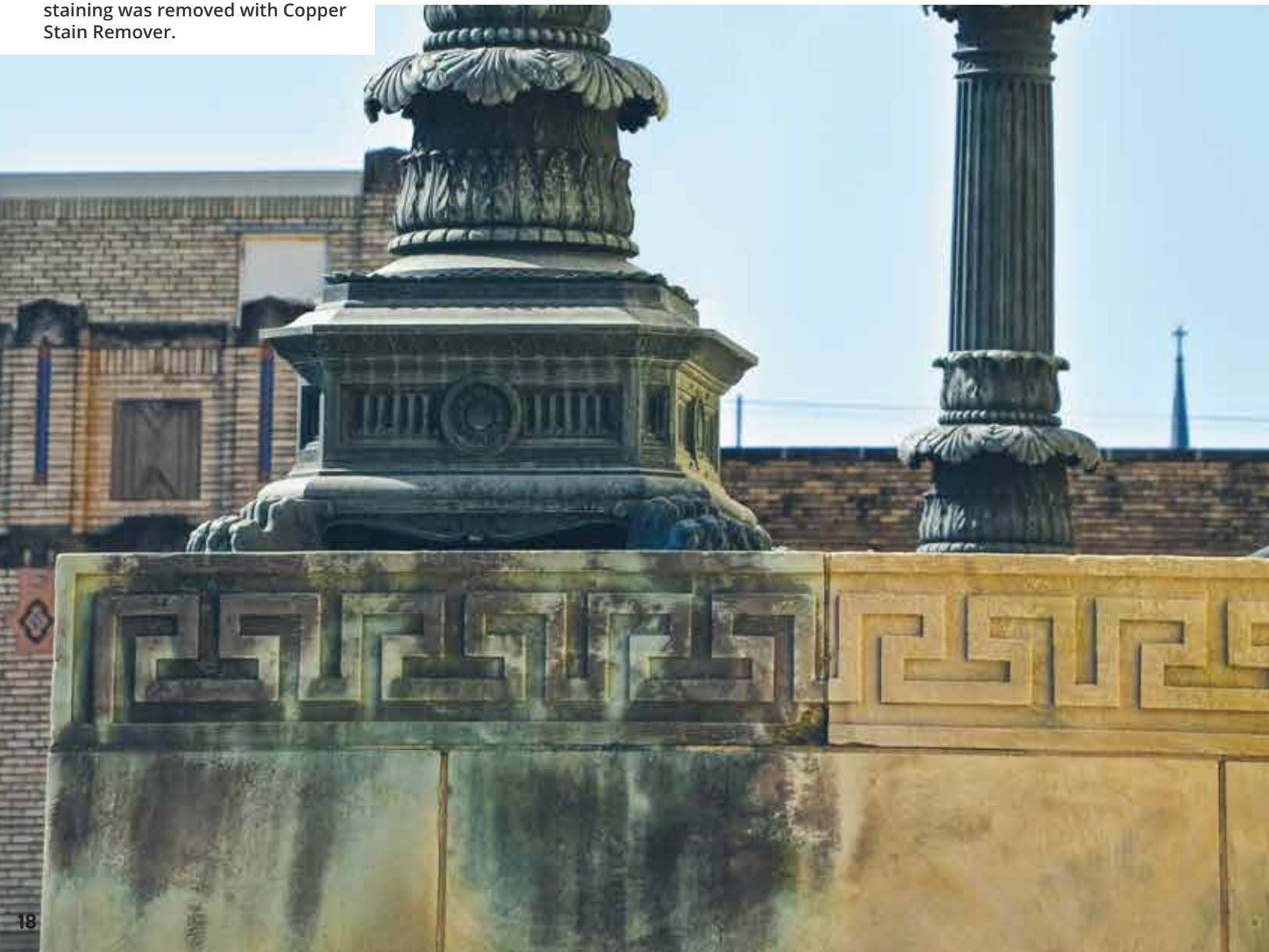
LOW ODOR



Specialty Stain Removers

Masonry can get dirty a myriad of ways. You might be working on limestone, granite, or clay brick. The stain might be rust, hard water, or oil. For decades, PROSOCO has developed specific cleaning solutions for specific masonry stains. Learn what product is right for you by calling PROSOCO Customer Care at 800-255-4255.

Copper staining on the limestone of the Fort Worth Post Office. This staining was removed with Copper Stain Remover.



STAIN REMOVAL	CLAY BRICK	CONCRETE	UNPOLISHED STONE
ACID BURN	800 Stain Remover	Custom Masonry Cleaner	Requires specialized support 800-255-4255
ALGAE/LICHEN/MILDEW (biological)	2010 All Surface Cleaner, ReVive, ReKlaim*		
ASPHALT/TAR	Asphalt & Tar Remover		
CARBON (atmospheric)	SafRestorer, Light Duty Restoration Cleaner, ReVeal, Heavy Duty Restoration Cleaner, 766 Limestone & Masonry Prewash*	SafRestorer, Light Duty Restoration Cleaner, ReVeal, Heavy Duty Paint Stripper*, ReKlaim*, 766 Limestone & Masonry Prewash*	
COPPER STAINS	Copper Stain Remover, Ferrous Stain Remover, 800 Stain Remover, ReNew	Copper Stain Remover, Custom Masonry Cleaner, Heavy Duty Concrete Cleaner, ReNew	Copper Stain Remover, ReNew
EFFLORESCENCE	Light Duty Concrete Cleaner, Safety Klean, Vana Trol, 600, 101 Lime Solvent, Custom Masonry Cleaner		Light Duty Concrete Cleaner, Vana Trol, Safety Klean
GRAFFITI-PROTECTED SURFACE	Graffiti Remover, SafStrip 8, SafStrip		
GRAFFITI-UNPROTECTED SURFACE	SafStrip 8, SafStrip, Heavy Duty Paint Stripper*		
HARD WATER DEPOSITS	1261 Hard Water Deposit Remover	Requires specialized support 800-255-4255	
JOB DIRT/DUST/MUD/CLAY	Klean 'N Release, 2010 All Surface Cleaner, SafRestorer, Light Duty Restoration Cleaner, ReVeal		
LIME RUN	Vana Trol, Custom Masonry Cleaner, Heavy Duty Concrete Cleaner		Light Duty Concrete Cleaner, Vana Trol, Limestone Restorer
MANGANESE	800 Stain Remover, Ferrous Stain Remover	Vana Trol, Custom Masonry Cleaner, Heavy Duty Concrete Cleaner	Requires specialized support 800-255-4255
OIL/GREASE	Cleaner/Degreaser, Oil & Grease Stain Remover, Asphalt & Tar Remover + Marble Poultice		
PAINT/MARKERS/PENS	SafStrip 8, SafStrip, Safety Peel 1, Heavy Duty Paint Stripper*		
RUST/IRON	Light Duty Restoration Cleaner, ReVeal, 800 Stain Remover, Ferrous Stain Remover	Light Duty Concrete Cleaner, ReVeal, Custom Masonry Cleaner, Heavy Duty Concrete Cleaner	Requires specialized support 800-255-4255
SEALANT BLEED	Dicone NC9, Dicone NC15 Gel		
SEALER BLUSH	Dicone NC9, Dicone NC15 Gel, Heavy Duty Paint Stripper*		
TIRE MARKS	Klean 'N Release, 2010 All Surface Cleaner, Asphalt & Tar Remover		
VANADIUM	Vana Trol, Ferrous Stain Remover, 800 Stain Remover	Requires specialized support 800-255-4255	
WAX	Graffiti Remover, Wax & Cure Remover, Cure & Seal Remover, SafStrip 8, SafStrip		
WHITE SCUM	White Scum Remover	Requires specialized support 800-255-4255	

*Neutralization Required

We've got great chemistry.

We strive to provide the best specialty construction chemicals and products on the market, but we also know this business is about people. That's why we dedicate our human resources and services to make your job easier. Our nationwide network of sales representatives is here to do whatever we can to help solve your job-site problems.

Customer Care 800-255-4255

KEN

Field Support

We come to you to support your projects when and where you need us.



COLLEEN

Phone Support

We're real live people who answer the phones! Really. We're here M-F, 8a-5p, CST.



CHRIS

Laboratory Support

Customized testing and problem-solving equal solutions for your real-world conditions.



ALLEY

Architectural Support

We can help with specifications support.



Repointing masonry

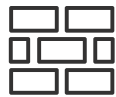
Most masonry restoration projects include some level of mortar joint replacement. It doesn't matter if the project scope includes spot or 100% repointing, if new mortar materials are installed, a plan is needed in order to successfully remove the mortar smears without negatively impacting the newly restored/repared masonry facade. A common mistake is to overlook this particular part of the cleaning scope and only focus on the restoration cleaning—leaving room for potential adverse effects.

The goal of restoration cleaning is to remove the staining and soiling from the existing masonry without causing an adverse effect. This is accomplished by using cleaners designed for that specific condition and substrate. The mortar smear removal is a separate cleaning process that uses a cleaner to remove mortar smears and droppings from the restored (or newly constructed) facade.

Project sequencing is important for these types of masonry restoration projects. If job site conditions allow, the ideal sequencing would be to restoratively clean the facade prior to repointing and then complete the mortar smear removal. Removing the soiling and other contaminants allows the team to see color, texture, and conditions of the character-defining masonry and mortar materials—leading to better matching for repairs and replacements.



Most restoration projects include some mortar joint replacement.



REMOVING EXCESS MORTAR



101 Lime Solvent

CLEANS EXCESS MORTAR FROM DARK-COLORED BRICK AND TILE SURFACES

A concentrated acidic cleaner that removes construction dirt and excess mortar with simple cold water rinse. 101 Lime Solvent removes efflorescence from new brick and new stone construction. Not for use on limestone, marble, travertine, or polished surfaces.



LIQUID



CLEANS DARK-COLORED BRICK & TILE



600

CLEANS EXCESS MORTAR FROM RED BRICK & GRAY MORTAR

A general-purpose, concentrated acidic cleaner that dissolves mortar smears and construction dirt quickly, leaving the masonry clean and uniform with no acid burning or streaking. 600 is the No. 1-selling proprietary cleaner for new masonry. Not for use on buff-colored masonry or polished surfaces.



LIQUID



CLEANS BRICK, TILE & CONCRETE



Custom Masonry Cleaner

CLEANS EXCESS MORTAR FROM COLORED BLOCK AND CONCRETE

Custom Masonry Cleaner removes concrete splashes, excess mortar, mud, retarders, heavy efflorescence, embedded stains, rust and surface soiling from textured custom masonry surfaces. Not for use on limestone, marble, travertine, or polished surfaces.



LIQUID



CLEANS BRICK, CONCRETE BLOCK & OTHER MASONRY SURFACES



Safety Klean

EFFECTIVE & SAFE ALTERNATIVE TO TRADITIONAL ACIDS

It rids new masonry construction of excess mortar, dirt, efflorescence and other job-site staining and soiling. Not for use on polished surfaces.



LIQUID



CLEANS BRICK, CONCRETE, TILE & STONE



Vana Trol®

CLEANS EXCESS MORTAR FROM COLORED BRICK AND/OR COLORED MORTAR

Removes excess mortar from new masonry surfaces that are subject to vanadium, manganese and other metallic stains. This acidic cleaner is designed to simplify rinsing and reduces potential for efflorescence. Not for use on polished surfaces.



LIQUID



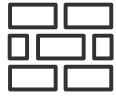
CLEANS BRICK, CONCRETE BLOCK & STONE

Restoring the structural integrity of aging facades.

Instability of masonry facades represents a common challenge on many restoration projects, as well as a potential major expense. The facade may require repairs for a wide variety of reasons. Water getting into the wall assembly can corrode and compromise wall ties, steel lintels, and other metal elements. Structural issues can cause bricks to move. Lime-based mortar can crumble over time. Structural instabilities can even be caused by the use of inappropriate mortar. Fortunately, there are extremely effective solutions that are a fraction of the cost of a complete strip and re-clad and allow the building to retain as much historic material as possible.

PROSOCO Anchoring Systems can revive and stabilize buildings. We help architects, engineers, contractors & owners return existing buildings to serviceability and ensure the stability of new buildings. Let us help save the wall of your next new construction or retrofit project.



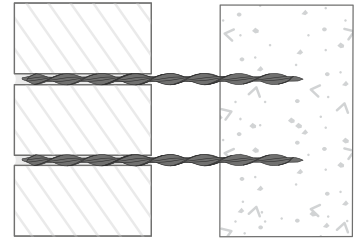


ANCHORING SYSTEMS

Stitch-Tie



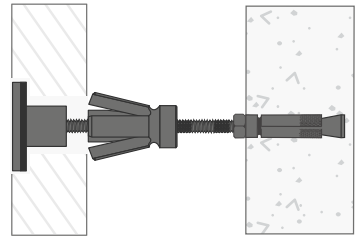
Easy-to-install helical ties can stabilize veneers of brick, stone, masonry, or precast concrete that have missing or corroded wall ties.



Stone Grip-Tie



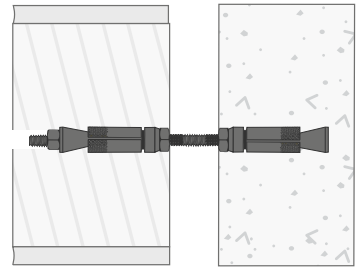
High-strength mechanical anchors for re-anchoring unstable, thin dimensional stone and precast panel facades.



Grip-Tie



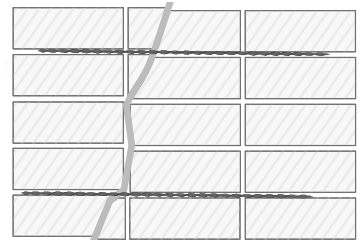
High-strength mechanical anchors to fortify a masonry or stone facade to metal or wood stud, structural steel, tile, block, concrete, and brick.



Stitch-Tie Bar



Helical bar and grout kit that repairs cracked masonry & provides reinforcement to existing brick veneers.



US Capitol, Washington, D.C.
Exterior masonry cleaned and protected with PROSOCO products



R.W. Kern Center, Hampshire College, Amherst, MA
Building envelope waterproofed, concrete flooring finished and exterior masonry protected with PROSOCO products



We've been around awhile.

Since 1939, PROSOCO has been involved in some of the world's most recognizable and highest-performing buildings.



Grand Central Station, New York, NY
Exterior limestone and interior masonry cleaned with PROSOCO cleaners



Wrigley Building, Chicago, IL
Exterior terra cotta cleaned with PROSOCO cleaners and facade secured with PROSOCO anchors



PROSOCO

You. Us. The project.

