

Instructions

In order to maintain the proper color range through the wall, please use brick from several packages at a time. Unpackage the layers of brick vertically to further ensure color blending.

Instrucciones

Para mantener la debida gama de color en toda la pared, use ladrillo de varias cajas al mismo tiempo. Desempaque las capas de ladrillo verticalmente para lograr una mejor combinación del color.

Cleaning Information

Do not clean with Muriatic Acid! We recommend commercial masonry cleaning products from PROSOCO in accordance with manufacturer's dilution ratios and instructions. Use of mechanical brushes or certain high-pressure wash equipment may alter the appearance of sand-coated brick. See the cleaning code information below as it applies to this specific product.

Información Para Limpieza

¡No limpiar con Acido Muriatico! Recomendamos productos comerciales para limpieza de mampostería de acuerdo con las proporciones de dilución e instrucciones del fabricante. El uso de cepillos mecánicos o de ciertos equipos de lavado a alta presión podría alterar el aspecto del ladrillo revestido con arena.

Clean all ceramic brick using Vana Trol® (20, 30, 50 color series may also be cleaned using 600 Detergent)

Tulsa Blend and 730S water rinse only.

For interior cleaning use Sure Klean® Safety Klean.

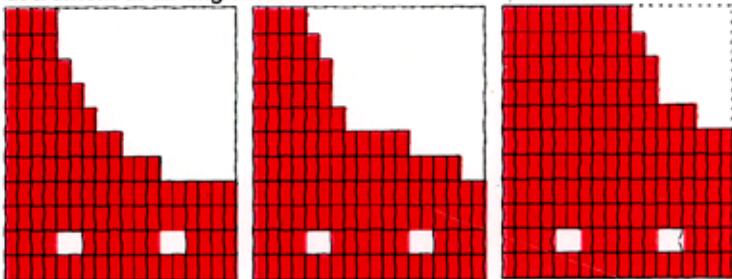
Colored mortar must be cleaned with Sure Klean® Vana Trol®

WARNING: Brick dust contains quartz silica, a potential human carcinogen. Inhalation of brick dust above required or recommended exposure levels may be harmful. Wet sawing is recommended. Always stack and store bricks in a stable manner to avoid falling hazards. Please consult the Kansas Brick & Tile material safety data sheet for further details.

ADVERTENCIA: El polvo de ladrillo contiene sílice de cuarzo, un posible cancerígeno humano. La aspiración del polvo de ladrillo por encima de los niveles de exposición necesarios o recomendados podría ser nociva. Se recomienda el aserrado en majado. Siempre apile y almacene los ladrillos de forma estable para que no haya peligro de que caigan. Para mayor información consulte la hoja de datos de seguridad del material de Kansas Brick & Tile.

COLOR RANGE

For best results in maintaining color range unload from several packs at a time... at an angle... as shown



These bricks have been inspected and graded to our standards for this particular type of brick. If you have any questions regarding the quality of these bricks contact the selling company or agent immediately.

USE CONSTITUTES ACCEPTANCE.

Pressure rinse with 400 to 800 psi at a water flow rate of 6 to 8 gallons per minute and a 30° fan spray tip. Apply appropriate PROSOCO cleaner with Pumpup sprayer not to exceed 50psi. Reduce water pressure to avoid damage to delicate masonry.

PRODUCT:

ARCHITECTURAL SPECS

Sure Klean® Vana Trol

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information. See also PROSOCO Section 04900 Masonry Restoration & Cleaning.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use manufacturer's application instructions. Let test area dry 3 to 7 days before inspection. Keep test panels available for comparison throughout the cleaning project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufacturer: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@proso.co

Product Description

Sure Klean® Vana Trol® is a concentrated acidic cleaner for new masonry surfaces that are subject to vanadium, manganese and other metallic stains. Vana Trol® is designed to simplify rinsing and reduces potential for efflorescence.

Technical Data

FORM: Clear liquid with slight amber color

SPECIFIC GRAVITY: 1.10

TOTAL SOLIDS: N/A

pH: 0.3 (1:6 dilution)

WT./GAL.: 9.15 lbs.

FLASH POINT: N/A

FREEZE POINT: < -22 degrees F (< -30 degrees F)

Limitations

- Repeated applications may leave a detergent residue. To reduce potential for detergent residue: always prewet; rinse thoroughly; do not exceed two applications.
- Not effective for removing atmospheric dirt and black carbon stains. Use the appropriate Sure Klean® restoration cleaner to remove atmospheric staining from older masonry.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for Vana Trol®. Dilute Vana Trol® concentrate with 1-10 parts water. Refer to test area results for recommended dilution for intended use.

Exterior Application

1. Thoroughly saturate a large portion of the masonry surface with fresh water.
2. Using a densely-packed, soft-fibered masonry-washing brush or low pressure spray (50 psi max), apply diluted solution freely. Do not apply diluted cleaning solution with pressure spray above 50 psi. Such application will drive the chemicals deep into the surface making it difficult to rinse completely.
3. Leave cleaning solution on the wall for about 5 minutes, depending on absorption rate of masonry and drying conditions. Do not let cleaner dry into the masonry. This may leave a residue and cause staining.
4. Reapply cleaning solution and scrape off heavy buildup of excess mortar using a wooden scraper or piece of brick. Take care to avoid damaging the masonry surface. Do not use metal scrapers, which may contribute to metallic staining.
5. Rinse thoroughly with fresh water, removing all cleaning compound, free sand, loose material and debris. Thorough rinsing is extremely important to ensure that all residues are removed from the porous masonry. High-pressure rinsing equipment providing at least 400 psi with 4 to 6 gallons of water per minute will prove most effective. The best combination of rinsing pressure and water volume is provided by masonry washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute delivered through a 15-45 degree fan spray tip. Equipment should be adjustable to reduce water flow rate and rinsing pressure as required for controlled cleaning of more sensitive surfaces. See also "Equipment" section of the Product Data Sheet.

Interior Application

Follow the cleaning procedure outlined for exterior surfaces. Rinse thoroughly with fresh water using sponge or soft-fibered brush. If conditions do not allow sufficient water for complete rinsing, use a neutralizing rinse following this procedure:

1. Rinse first with fresh, clear water.
2. Apply neutralizing solution of 2 ounces baking soda to 1 gallon of clean water.
3. Saturate thoroughly and allow neutralizing solution to dwell on the surface 3 to 5 minutes.
4. Apply a final rinse of fresh, clear water.

Enviro Klean® Safety Klean Cleaning Specification

Specifier Note: The information provided below is intended to guide the Architect in developing specifications for products manufactured by PROSOCO, Inc. and should not be viewed as a complete source of information about the product(s). The Architect should always refer to the Product Data Sheet and MSDS for additional recommendations and for safety information.

Specifier Note: Paragraph below is for PART 1 GENERAL, Quality Assurance.

Test Area

Test a minimum 4 ft. by 4 ft. area on each type of masonry. Use manufacturer's application instructions. Let the test panel dry 3 to 7 days before inspection. Keep test panels available for comparison throughout the cleaning project.

Specifier Note: Paragraphs below are for PART 2 PRODUCTS, Manufacturers and Products.

Manufacturer: PROSOCO, Inc., 3741 Greenway Circle, Lawrence, KS 66046. Phone: (800) 255-4255; Fax: (785) 830-9797. E-mail: CustomerCare@proso.co

Product Description

Enviro Klean® Safety Klean is an effective, safe alternative to acidic compounds for cleaning brick, tile and concrete surfaces. Safety Klean rids new masonry construction of excess mortar, dirt and other common job-site soiling. It's ideal for projects where traditional acidic cleaners are not allowed. Non-fuming Safety Klean contains no hydrochloric or other traditional inorganic acids and is safe for use on and around most metal surfaces. Additionally, it is up to 70 percent more effective than citric and glycolic acids, and 50 percent more effective than phosphoric acid.

Technical Data

FORM: Clear amber liquid

SPECIFIC GRAVITY: 1.18

TOTAL SOLIDS: N/A

pH: 0.334 @ 1:3 dilution

WT./GAL.: 9.56 lbs.

FLASH POINT: > 200 degrees F (> 93 degrees C)

FREEZE POINT: < -22 degrees F (< -30 degrees C)

Limitations

Not suitable for polished marble, limestone or travertine.

Can cause discoloration and corrosion on certain types of metals. Always test.

Specifier Note: Paragraphs below are for PART 3 EXECUTION, Installation.

Application

Before applying, read "Preparation" and "Safety Information" sections in the Manufacturer's Product Data Sheet for Safety Klean. Dilute Safety Klean concentrate with up to 3 parts water. Refer to test area results for recommended dilution for intended use.

Exterior Application

1. Working from bottom to top, use clean water to thoroughly prewet surface to be cleaned.
2. Apply Safety Klean liberally using low-pressure spray (50 psi max), roller or densely filled (tampico) masonry washing brush. Do not apply with high-pressure spray. Do not atomize.
3. Let the cleaning solution dwell 3-5 minutes. Reapply. Light scrubbing of the surface improves cleaning results especially where high pressure rinsing equipment is not available. Do not let cleaning solution "dry into" to the masonry. If solution starts to dry, reapply.
4. Rinse with clean water from the bottom to the top, covering each section of the surface with a concentrated stream of water. To avoid streaking on vertical walls, take care to keep the wall below wet and rinsed free of cleaner and residues. The best combination of rinsing pressure and water volume is provided by masonry washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute delivered through a 15-45 degree fan spray tip. Equipment should be adjustable to reduce water flow rate and rinsing pressure as required for controlled cleaning of more sensitive surfaces. See also "Equipment" section of the Product Data Sheet.

CONTRACTORS SPECS

Sure Klean® Vana Trol

ADVANTAGES

- Clings to masonry surface, and softens excess mortar and job dirt.
- Slow-drying so it rinses clean without streaking.
- Controls green vanadium and brown manganese staining on color-sensitive brick and tile.
- Safe for use on most unpolished natural stone or cast stone.
- Designed for use with colored mortar.

PREPARATION

Protect people, vehicles, property, metal, painted surfaces, plants and other nonmasonry materials from product, splash, residue, wind drift and fumes. When working over traffic, clean when traffic is at a minimum. Protect or divert traffic if necessary. Clean masonry before installing windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials and other nonmasonry items that the cleaner could harm. If already installed, protect with polyethylene before application. Sure Klean® Strippable Masking is appropriate for use with this product to protect windows. All caulking and sealant materials should be in place and thoroughly cured before cleaning. On new construction, masonry cleaning should be done before installation of finished flooring, metal fixtures and all other nonmasonry materials. If such materials are already in place, protect with polyethylene and maintain sufficient ventilation to avoid buildup of potentially damaging fumes. New brick and tile surfaces clean most effectively 14-28 days after masonry installation. Mortar and grout smears left on the surface longer result in a more difficult clean down and may cause undesirable results. Cleaning high-strength mortar/grout within seven days improves results. Presence of excessive moisture in the wall contributes to efflorescence and other staining. Always protect open wall cavities from rain during construction.

EQUIPMENT

Use low-pressure spray (50 psi max) or densely-packed, soft-fibered masonry-washing brush. Do not apply with pressure spray above 50 psi. Such application will drive the chemicals deep into the surface making it difficult to rinse completely. Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface. Masonry-washing equipment generating 400-1000 psi with a water flow rate of 6-8 gallons per minute is the best water/pressure combination for rinsing porous masonry. Use a 15-45° fan spray tip. Heated water (150-180°F; 65-82°C) may improve cleaning efficiency. Use adjustable equipment for reducing water flow-rates and rinsing pressure as needed for sensitive surfaces. Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow-rates less than 6 gallons per minute may reduce cleaning productivity and contribute to uneven cleaning results.

Dilution

Dilute 4-10 parts water to 1 part concentrate depending on application. Adjust dilution rate based on test results. Always pour cold water into empty bucket first, then carefully add cleaner. Never use hot water. Handle in high-density polyethylene or polypropylene containers only. Acidic materials and fumes will attack metal. When calculating the volume of cleaner required for porous, textured surfaces, assume 50 square feet per gallon of prepared cleaner. For dense, smooth surfaces, assume up to 150 square feet per gallon of prepared cleaner. The coverage rate chart assumes an average coverage rate of 100 square feet per gallon of prepared cleaner.

APPLICATION

Before use, read “Preparation” and “Safety Information.” ALWAYS TEST each surface and type of stain for suitability, dilution rates and desired results before overall application. Use the following application instructions. Let surface dry thoroughly before inspection and approval.

Application Instructions – Exterior

Test thoroughly and follow preparatory work procedures above. The following cleaning procedure is recommended unless otherwise indicated during testing:

1. Thoroughly saturate a large portion of the masonry surface with fresh water, working from the bottom to the top.
2. Using a densely-packed, soft-fibered masonry-washing brush or low pressure spray (50 psi max), apply diluted solution freely.
3. Leave cleaning solution on the wall for about 5 minutes, depending on absorption rate of masonry and drying conditions. Do not let cleaner dry into the masonry. This may leave a residue and cause staining.
4. Reapply cleaning solution and scrape off heavy buildup of excess mortar using a wooden scraper or piece of brick. Take care to avoid damaging the masonry surface. Do not use metal scrapers, which may contribute to metallic staining.

To avoid streaking, keep adjacent and lower wall surfaces wet and rinsed free of cleaning residues. Avoid more than one reapplication over the same area. Repeated applications may cause a white detergent film to be deposited on the masonry surface. If mortar deposits are not softened after the initial application, allow the solution to remain on the wall for a longer period of time, making sure that the cleaner does not dry into the masonry.

5. Rinse thoroughly with fresh water, removing all cleaning compound, free sand, loose material and debris. Rinse from the bottom of the work area to the top. Thorough rinsing is extremely important to ensure that all residues are removed from the porous masonry.

Application Instructions – Interior

Proper ventilation is necessary. Following the cleaning procedures outlined for exterior surfaces. Rinse thoroughly with fresh water using sponge or soft-fibered brush. If conditions do not allow sufficient water for complete rinsing, use a neutralizing rinse following this procedure:

1. Rinse with clear water.
2. Apply neutralizing rinse of 2 ounces baking soda to 1 gallon of clean water.
3. Saturate. Leave solution on surface 3 to 5 minutes.
4. Apply a final rinse of clear water.

Cleanup

Clean tools and equipment using fresh water.

CUSTOMER CARE

Factory representatives are available for job-site, product, environment and safety assistance with no obligation. Call 800-255-4255 and ask for Customer Care—technical support.

Always read product data sheets thoroughly before using these products.

Enviro Klean® Safety Klean

ADVANTAGES

- Proven effective for cleaning mortar smears and other common construction soiling.
- Replaces traditional mineral and organic acid products.
- Low odor and water-rinsable.
- Non-fuming.
- Environmentally responsible.
- Suitable for interior cleaning.

PREPARATION

Protect people, vehicles, property and all surfaces not set for cleaning from product, splash, wind drift, residue, and rinsewater. When possible, finish cleaning before installing windows, doors, light fixtures, hardware, surrounding metal and other items that may be damaged by cleaning. If already in place, protect. Extended contact with the cleaning solution or its vapors may result in discoloration or damage. All caulking and sealant materials should be in place and thoroughly cured before cleaning.

EQUIPMENT

Rinse with enough water and pressure to flush spent cleaner and dissolved soiling from the masonry surface and surface pores without damage. Inadequate rinsing leaves residues which may stain the cleaned surface.

Masonry-washing equipment generating 400-1000 psi with a water flow rate of 6-8 gpm is the best water/pressure combination for rinsing porous masonry. Use a 15-45° fan spray tip. Heated water (150-180°F; 65-82°C) may improve cleaning efficiency.

Use adjustable equipment for reducing water flow rates and rinsing pressure as needed for sensitive surfaces. Rinsing pressures greater than 1000 psi and fan spray tips smaller than 15° may permanently damage sensitive masonry. Water flow rates less than 6 gpm may reduce cleaning productivity and contribute to uneven cleaning results.

APPLICATION

Before use, read the container label and product data sheet. ALWAYS TEST before overall use. Test using the following instructions. Let test area dry thoroughly before inspection.

DO NOT DILUTE OR ALTER.

Dilutions

Safety Klean may be diluted with up to three parts clean water, depending on the nature and severity of soiling. Always pour cold water into empty bucket first, then carefully add concentrate.

Application Instructions

Exterior Applications

1. Working from the bottom to the top, use clean water to thoroughly prewet surface to be cleaned.
2. Apply liberally using low pressure spray (50 psi max), roller or densely filled (tampico) masonry washing brush. Do not apply with high pressure spray. Do not atomize.
3. Let the cleaning solution dwell 3-5 minutes. Reapply. Light scrubbing of the surface improves cleaning results especially where high pressure rinsing equipment is not available. Do not let cleaning solution “dry into” the masonry. If solution starts to dry, reapply.
4. Rinse with clean water from the bottom to the top, covering each section of the surface with a concentrated stream of water. To avoid streaking on vertical walls, take care to keep the wall below wet and rinsed free of cleaner and residues. Note: Thorough rinsing is extremely important. As much water pressure as possible (without damaging the surface) should be used to ensure that all staining elements are completely removed.

Interior Applications

Proper ventilation is necessary. Follow exterior application procedures. If pressure rinsing isn't possible, use a sponge or soft-fibered brush to rinse thoroughly with clean water.

Cleanup

Clean tools and equipment with fresh water.

Maintenance

Application of a “breathable” water repellent to the cleaned masonry surface reduces absorption of stain producing elements, keeping the surface clean for a longer period of time and making future cleaning operations faster and easier. For more information about water repellents for various surfaces, visit www.prosoco.com or call PROSOCO toll-free at 800-255-4255 regarding Sure Klean® Weather Seal products.

CUSTOMER CARE

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

Always read product data sheet before using this product.

This document is for educational purposes only. For technical and use purposes, get a product data sheet and MSDS by visiting www.prosoco.com, or calling toll-free 800-255-4255. Always read label on product before use.