



**VEXCON**  
CHEMICALS, INC.

Protecting and improving concrete since 1974

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vexcon.com

## STARSEAL® MASONRY & BRICK CLEANER

FAST • EFFECTIVE • SAFE

### DESCRIPTION

**STARSEAL MASONRY & BRICK CLEANER** is a specially designed cleaner which is safe to use on new and existing colored and gray masonry, brick, pavers, concrete and stone surfaces. Effectively removes efflorescence, concrete laitance, mortar smears as well as atmospheric dirt, rust and other construction stains. StarSeal Masonry & Brick Cleaner's fast cleaning action will quickly and easily penetrate the surface pulling and suspending contaminants for affective cleaning.

StarSeal Masonry & Brick Cleaner improves brightness, depth and uniformity of colored mortar. StarSeal Masonry & Brick Cleaner is fast and easy to apply with out acid burning or streaking.

### BENEFITS

- Improves color uniformity and enhances appearance
- Safe for most colored concrete and masonry
- Removes mortar smears
- Cleans mortar joints
- Removes common construction stains and atmospheric dirt
- Improves penetration of protective treatments
- Removes localized rust and other metallic staining
- Removes and prevents efflorescence
- Contains no harmful muriatic acid
- Non fuming formulation
- Water rinsable
- Meets all VOC regulations

### SPECIAL NOTES

- Acidic contents may damage polished masonry, some non-masonry and acid-sensitive surfaces.
- Before use, read Preparation and Health & Safety Information.
- Always test each type of surface and each type of stain for suitability, dilution rates and desired results before overall application.
- Do not apply when temperature is below freezing or will be overnight. If freezing conditions exist before application let the surface thaw.
- Repeated applications may discolor mortar.
- Shelf Life: Store up to three years from the date of manufacture in tightly sealed, unopened container. Rotate your stock.

### PREPARATION

- Protect people, vehicles, property, metal, painted surfaces, plants and other non-masonry materials from product, residue, rinse, splash, 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 non-masonry items. If already installed, protect with polyethylene before application.
- All caulking and sealant materials should be in place and thoroughly cured before cleaning.

### SURFACE PREPARATION

- Protect wall cavities during construction to prevent rainwater saturation and related staining.
- Let newly constructed surfaces dry and cure thoroughly before cleaning. Excessive moisture may mobilize staining and cause unsatisfactory cleaning results.
- Cleaning high-strength mortar/grout within seven days improves results.

### APPLICATION EQUIPMENT

- Always test to determine optimal rinsing pressures and water volumes
- Apply with a soft-fiber, tampico masonry washing brush or with low-pressure spray (50 psi max) equipment fitted with acid-resistant hoses and gaskets. Do not use pressure spray above 50 psi. This drives the cleaner into the surface, making rinse difficult. May cause stains.
- Apply from bottom to the top.
- Do not atomize. Pressure rinsing equipment providing at least 400 psi at 4-6 gpm delivered through a 15-40 degree fan spray tip often produces best cleaning results.
- Rinsing from the bottom up, use sufficient water pressure and water volume to thoroughly flush all dissolved soiling and residual cleaner from the pores of treated surfaces.
- Excessive pressure and water volume may combine to damage soft or deteriorated surfaces.
- Clean tools and equipment with fresh water.

### DILUTION INSTRUCTIONS

Test treated area using the following application instructions. Let surface dry thoroughly before inspection.

- Fired Clay Brick, Tile & Pavers - 1 part concentrate: 3 parts water.
- Removal of Efflorescence - 1 part concentrate: 2 parts water.
- Form-Finished Concrete Panels - Rough-texture - 1 part concentrate: 2 parts water standard finish.
- Manufactured Stone - 1 part concentrate: 6 parts water.
- Concrete Block, Brick, Tile & Pavers - 1 part concentrate: 3 parts water
- Architectural Colored Concrete Block - 1 part concentrate: 6 parts water
- Natural Stone (Granite, Sandstone, Slate):
  - Granite & Slate - 1 part concentrate: 3 parts water
  - Sandstone - 1 part concentrate: 6 parts water

Testing will indicate the proper dilution. Always pour COLD water into empty bucket first, then carefully add product. NEVER USE HOT WATER. Handle in plastic buckets only. Acidic materials and fumes attack metal. When calculating the volume of cleaner required for porous, textures surfaces, assume 50 square feet per gallon. 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

- Prior to full application a test to the affected area is required to determine the proper dilution rate, application and removal procedures.
- Dilute as instructed in Dilution Instructions section.
- Always pre-wet surface with fresh water. When cleaning vertical surfaces, keep lower areas wet to avoid streaks.
- Apply as directed from the bottom to the top directly to surface with recommended masonry brush or low-pressure sprayer.
- Let product stay on the surface for 3-5 minutes or until stains are gone. Do not allow cleaner to dry on the surface. NOTE: If treated surfaces are left unattended, keep people away from StarSeal Masonry & Brick Cleaner.
- Rinse thoroughly as directed from bottom to the top, with fresh water to get all residues off the surface. If pressure rinsing equipment is not available, brush the surface while rinsing with clean water. Reapply as needed
- Surface area must be neutralized with Vexcon **StarSeal® EF Neutralizing Rinse & Cleaner**.
- Flush all salts and residual acid thoroughly with clean water.
- Allow to dry or vacuum access water.
- Repeat neutralizing and rinse procedures until surface no longer reacts to neutralizing solution.

## PROTECTION

After thorough cleaning protect the surface with one of the following premium Vexcon protective treatments.

- Powerseal 40 - A high solids water base penetrating sealer that is breathable and water repellent providing maximum long-term protection while maintaining the natural appearance of concrete and masonry.
  - Premium protection against water, salt and weather
- Penseal 244-40 - A premium penetrating, breathable water repellent sealer with higher solids provides maximum long-term protection while maintaining the natural appearance of concrete and masonry surfaces.
  - Premium protection against water, salt and weather
- Certi-Vex Guard - Deep-penetrating sealer with maximum long-term protection and a non-yellowing semi-gloss appearance. Protects against damage caused by freeze/thaw, water, salts, deicers chemicals and acids.
  - Cures new concrete
  - Available in many decorative colors
- Vertical Waterproofing Coatings - Decorative coatings that provide excellent adhesion, weatherability and waterproofing of masonry, block surfaces and primed wood and metal surfaces. They may be applied to green concrete or fresh mortar without peeling or loss of adhesion. They are very resistant to UV light, mold, or fungi, and environmental chemicals, and may be applied above or below grade and in the presence of hydrostatic pressure.
  - Available in many decorative colors

## COVERAGE

Estimated application rates:

- |  |                |
|--|----------------|
| • Fired Clay Brick, Tile & Pavers      | 300-400 sq.ft  |
| • Form-Finished Concrete Panels        | 300-400 sq.ft  |
| • Concrete Block, Brick, Tile & Pavers | 300-400 sq.ft  |
| • Manufactured Stone                   | 400-500 sq.ft  |
| • Architectural Colored Concrete Block | 400-500 sq.ft  |
| • Granite polished & unpolished        | 300-500 sq.ft. |
| • Sandstone unpolished                 | 300-400 sq.ft. |
| • Slate unpolished                     | 300-500 sq.ft. |

## SPECIFICATIONS/COMPLIANCE

- CSI referenc: 04 01 00 – Maintenance of Masonry

## PACKAGING

StarSeal Masonry & Brick Cleaner is available in 55-gallon drums, 5-gallon pails and 1-gallon containers. Contact Vexcon to discuss your customized packaging requirements

## HEALTH AND SAFETY

- Causes burns to eyes and skin.
- Harmful if swallowed or inhaled.
- Keep out of reach of children.
- Keep product, dilution, and application containers tightly closed when not dispensing product.
- Use only with adequate ventilation.
- For use by professional applicators only

Vexcon MSDS #OP136 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using this Vexcon product obtain a copy of the MSDS from your distributor or by contacting Vexcon Chemicals.

## CONTACT US @

Additional product information, technical assistance and customer service is available by contacting Vexcon Chemicals directly or our distributors.

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## WARRANTY

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES.

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