T2751 Efflorescence Remover

DESCRIPTION AND USE

T2751 Efflorescence Remover is an effective, safe alternative to traditional acidic compounds specifically designed for cleaning efflorescence, salt deposits, and lime run from concrete, brick, natural stone, and tile surfaces.

T2751 Efflorescence Remover contains no hydrochloric or other traditional inorganic acids and is non-fuming, making it safe for use on most masonry surfaces, indoors or out.

ADVANTAGES

- Removes primary and secondary efflorescence from concrete, concrete block, brick, natural stone, tile, and other masonry surfaces.
- Replaces traditional mineral and organic acid products.
- Low odor, non-fuming, and water-rinsable.
- Environmentally responsible.
- Suitable for interior cleaning.

LIMITATIONS

- Not suitable for polished marble, limestone or travertine.
- Safe around most types of metal but can cause discoloration and corrosion on certain types of metals. Always Test.
- Not for use on treated low-E glass; acrylic and polycarbonate sheet glazing; and glazing with surface-applied reflective, metallic or other synthetic coatings and films.

TYPICAL TECHNICAL DATA

FORM	Clear, amber liquid Mild odor
SPECIFIC GRAVITY	1.07
pH	0.10
WT/GAL	8.94
ACTIVE CONTENT	Not Applicable
TOTAL SOLIDS	Not Applicable
VOC CONTENT	Not Applicable
FLASH POINT	>200°F (>93°C) ASTM D 3278
FREEZE POINT	–22° F (–30° C)
SHELF LIFE	3 years in tightly-sealed, unopened container

VOC COMPLIANCE

T2751 Efflorescence Remover is compliant with all national, state and district VOC regulations.

PREPARATION

Clean masonry before installing non-masonry materials such as windows, doors, finished flooring, metal fixtures, hardware, light fixtures, roofing materials, etc. that the cleaner could harm. If cleaning is to be completed after installation of non-masonry materials not intended for treatment or exposure to T2751, test before full scale application. If testing is not feasible or indicates adverse effects, protect substrates from product splash, residue, wind drift and fumes with Sure Klean® Strippable Masking or polyethylene prior to application.

The presence of excessive moisture in the wall contributes to efflorescence and other staining. Always protect open wall cavities from rain during construction.

All caulking and sealant materials should be in place and thoroughly cured before cleaning.

Surface and Air Temperatures

Best cleaning results are obtained when air and masonry surface temperatures are 40°F (4°C) or above. To avoid harm to masonry, do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist prior to application, allow adequate time for masonry to thaw.

Cleaning efficiency is affected by temperature. Dwell times used successfully in one season may need to be altered to be effective in another.

Equipment

Apply using low pressure (50 psi max) spray or a densely filled (tampico) masonry washing brush and bucket. Do not apply with high pressure spray. Do not atomize.

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.

Storage and Handling

Store in a cool, dry place. Always seal container after dispensing. Do not alter or mix with other chemicals. 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 in accordance with local, state, and federal regulations.

APPLICATION

Before use, read "Preparation" and "Safety Information."

ALWAYS TEST a small area of each surface to confirm suitability, coverage rate and desired results before beginning overall application. Test with the same equipment, recommended surface preparation and application procedures planned for general application. Let surface dry thoroughly before inspection.

Dilution & Mixing

T2751 Efflorescence Remover is intended to be applied as packaged for most masonry surfaces. For sensitive surfaces, T2751 may be diluted further with 1 part clean water. Always pour cold water into empty bucket first, then carefully add concentrate.

Coverage Rates

Always test to ensure desired results. Coverage estimates depend on surface texture and porosity.

- Porous.....50–200 sq.ft. (5–19 sq.m.)
- Semi-porous .....200–400 sq.ft. (19–38 sq.m.)
- Non-porous .....400–600 sq.ft. (38–56 sq.m.)

Application Instructions

Exterior Applications

1. Working from the bottom to the top, use clean water to thoroughly prewet surface to be cleaned.
2. Apply T2751 Efflorescence Remover liberally.
3. Let the cleaning solution dwell 3–5 minutes.
4. Reapply cleaner. 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.
5. When foam no longer forms on contact with the efflorescence, 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 application procedures for exterior surfaces. 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.

SAFETY INFORMATION

Always read full label and SDS for precautionary instructions before use. Use appropriate safety equipment and job site controls during application and handling.

24-hour emergency information:
INFOTRAC at 800-535-5053

Shelf life is 3 years from the date of manufacture in tightly sealed, unopened container.

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 and Canada. Call Customer Care at 800-255-4255, or visit our website at www.prosoco.com, for the name of the representative in your area.

When product does not foam on contact the efflorescence will be gone.

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T-PRODUCT EVALUATION FORM

For T2751 Efflorescence Remover

T2751 Efflorescence Remover – T2751 Efflorescence Remover is an effective, safe alternative to acidic compounds specifically designed for cleaning efflorescence, salt deposits, and lime run from concrete, brick, natural stone, and tile surfaces. T2751 Efflorescence Remover contains no hydrochloric or other traditional inorganic acids and is non-fuming, making it safe for use on most masonry surfaces, indoors or out.

Please try the product on a variety of interior and exterior masonry exhibiting different types of efflorescence. Please also evaluate T2751 Efflorescence Remover next to other comparable products. Please take before and after photographs and submit with feedback. Online feedback is REQUIRED.

Please read the questions below before starting your trial as this will help you determine what to look for:

Observations:

Have you used other efflorescence removers before?

If so, which ones?

What substrate(s) did you apply T2751 Efflorescence Remover to?

What was the temperature of the substrate during application?

What was the temperature of the air during application?

How was the T2751 Efflorescence Remover applied?

How many square feet (inches) were tested?

What were the resulting coverage rates?

Was the T2751 easy to apply?

Was the T2751 scrubbed or agitated during cleaning?

What was the dwell time of T2751?

How many applications were required to completely remove the efflorescence?

Was T2751 easy to rinse away?

What were the final cleaning results? (% removal)

Were any other efflorescence removers tried side by side?

What were the final results of the other cleaners? (% removal)

Can you describe the odor of the cleaner during application?

Other observations?

Applicator Information (Optional):

Name: Company:

PROSOCO Rep/Manager:

Project Information (Optional):

Project Name:

Address/City/State:

If you have photos, please attach them.

Thank you for your interest in PROSOCO products and helping us develop the best chemical products available to the construction industry. We value your opinions and feedback. Please take a few minutes to use this form to collect feedback during testing, then enter this data into the online form at http://prosoco.com/feedback and attach photos to complete the feedback process. **Online feedback is REQUIRED.**

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