

## CALCIUM PRESOAK

### DESCRIPTION AND USE

\*Calcite Presoak is designed as a presoak for the removal of calcite from clay brick only. Calcite Presoak is used in conjunction with NMD 80, this combination is for the complete removal of calcite. Calcite removal from concrete masonry units (CMU) use White Scum Presoak followed with NMD 80.

### ADVANTAGES

\* Power penetration and softening action.

### LIMITATIONS

\* May bleach if used repeatedly straight.  
\* Do not use on lime-face brick.

### TECHNICAL DATA

Appearance & Odor: Clear liquid, acrid odor.

Physical State: Liquid

pH: 1.5

Vapor Pressure (mmHg): N/A

Vapor Density (air=1): N/A

Boiling Point: 212° F

Freezing/Melting Point: N/A

Specific Gravity (WATER =1): 1.10

Evaporation Rate: N/A

Solubility in Water: Complete

### PREPARATION

Protect adjacent and surrounding surfaces not intended to be cleaned.

### SURFACE & AIR TEMPERATURES

Avoid damage to masonry surfaces. Do not clean when temperatures are below freezing or are expected to be below freezing the night before cleaning. If freezing conditions exist prior to application, allow adequate time for masonry surfaces to thaw. Best cleaning results are obtained when air and surface temperatures are 40° Fahrenheit or above.

### PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be cleaned. Test also to determine the desired surface contact time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results.

### APPLICATION INSTRUCTIONS

To soften heavy deposits, apply the product undiluted via

sprayer directly on the areas of calcite. A heavy white foam will result. If the calcite deposit is very thick, allow this foam to collapse completely and repeat this application. Do a scratch test on the surface to see if the calcite is softened. If not, repeat above steps. Once the calcite has softened, without rinsing apply NMD 80. Heavy white foam will form. Calcite is totally gone when white foaming ceases. You can rinse with a trigger sprayer, garden hose or pressure rinse off. Finish with applications of NMD 80 diluted at 4:1 to full strength, then rinse off thoroughly. Craftsmanship determines the appropriate pressures for rinsing. A thorough rinse job is always recommended, however, our chemistry never requires flooding a wall. Pressures that mark or damage the surface should be avoided. When in doubt, follow the manufacturers recommended P.S.I. for the substrate on which you are working.

**Note:** Do not allow Calcite Presoak to run down the surface, bleaching may occur. Apply enough product on the calcite deposits without over soaking to avoid runs. If runs occur, rinse the excess immediately.

### DILUTIONS

Use undiluted

### PRECAUTIONARY MEASURES

Always wear goggles and gloves when handling this product. Keep off of skin and clothing. If material comes in contact with clothing, wash before reuse. Contains Phosphoric and Sulfuric Acid. Do not get in eyes, on skin or clothing. Avoid breathing fumes. Keep container closed when not in use. Use with adequate ventilation. Applicators should wear boots and gloves, face shields and/or goggles made of solvent resistant materials to avoid splash to bare skin and eyes. Dispose of empty containers according to federal, state and local requirements. Avoid drifting of material or rinse water onto autos and pedestrians by protecting or diverting such traffic. Do not use for any other applications other than specified. Do not remove label. Read Material Safety Data Sheet for additional safety and health hazard information prior to use. Plants should be well wet down before exposure to this product and exposure should be kept to a minimum.

### SPILL OR LEAK PROCEDURES

Check with the state, local, or federal regulations for waste disposal methods in the area. Wear proper protective equipment while doing cleanup. For large spills, dike and contain for intended use. For small spills, use a chemical absorbent product and place in approved container for disposal.

