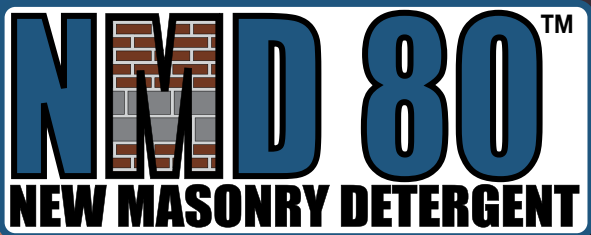




# NEW CONSTRUCTION

NEW CONSTRUCTION CLEANING WITH EACO CHEM, INC.



## CLEANS AND REMOVES

- EXCESS MORTAR
- JOB DIRT
- EFFLORESCENCE
- CALCITE

THE WAVE OF THE FUTURE

HARDSCAPE  
**BRICK** LIMESTONE  
 COLORED BLOCK  
 COLORED MORTAR BURNISHED BLOCK  
 PRECAST ALL PAVERS **BLOCK**  
 GROUND FACED BLOCK  
 BUFF BRICK **SMOOTH BLOCK** **RED BRICK**  
**WINDOWS** GLAZED BLOCK **CAST STONE**  
 STONE VENEER **SPLIT FACE** NATURAL STONE  
 GLAZED BRICK

**ONE CHOICE...BECAUSE IT WORKS!**

## **THE BEST INFORMED CHOOSE**



EaCo Chem has been producing exceptional cleaning chemicals for decades with nothing but the best results. Our chemistry has been approved worldwide on many projects. Professional cleaners that choose to stay ahead of their competition have one thing in common - the desire to be the best. That includes using the best chemicals.



St. Johns Episcopal Church NC - brick, cast stone

### **INDUSTRIES WE SERVE:**

- NEW CONSTRUCTION
- RESTORATION
- HARDSCAPE
- WINDOW RESTORATION
- HOUSE & DECK
- PAINT STRIPPING
- FLEET WASHING

**SAFE, COST EFFECTIVE, EXCELLENT CLEANING RESULTS!**



A powerful detergent-based solution designed for safe and effective removal of mortar smears and efflorescence from masonry surfaces. It can be used on all masonry substrates including brick, stone, synthetic stone, precast concrete, designer or colored block. The added buffering ingredients allow NMD 80 to be powerful yet safe enough for glass and anodized aluminum.



CambridgeSide Hotel MA - waterstruck brick, Arriscraft block



The Brownstones at Maywood Park OK - multiple substrate

**NEW COMMERCIAL AND RESIDENTIAL CONSTRUCTION**

THE WAVE OF THE FUTURE

## ONE PRODUCT CLEANS ALL OF THESE!



- Iron Spot Brick
- Buff Brick
- Granite (unpolished)
- Split Face Block
- Colored Mortar

- Stone Veneer
- Precast
- Windows
- Painted Surfaces
- Synthetic Stone

- Red Brick
- Limestone
- Burnished Block
- Colored Block
- Natural Stone

## THE RESULTS ARE UN-MATCHED!



Arizona State University Hospital AZ - brick



The Offices at Mayfaire NC - brick

[www.eacochem.com](http://www.eacochem.com)



THE WAY OF THE FUTURE

# NEW CONSTRUCTION CLEANING

## INNOVATIVE CLEANING PROCESS THAT WORKS!

Using NMD 80™ with EaCo Chem's innovative EC Jet pressure washer wand, will reduce cleaning time 90% versus traditional bucket and brush cleaning.

**NMD 80™**  
NEW MASONRY DETERGENT



**EC Jet**



- NO BRUSHING
- NO ETCH
- NO YELLOWING
- NO SANDY JOINTS
- NO EFFLORESCENCE

The EC Jet is a quick coupling attachment to the end of your pressure washer wand. It is designed to dilute material 4 parts water to 1 part chemical. It is used with the application of NMD 80™ or SOS 50 for new construction cleaning. The EC Jet allows for quick and accurate dilutions while spraying the chemical with the best nozzle. The open/close valve can also be used to shut off the chemical flow and allow rinsing without removing the unit. For best results, a 3 to 5 gpm pressure washer is recommended.



Tralee Village in Dublin, CA - multiple brick combinations

**NEXT LEVEL CLEANING...RESULTS THAT SELL**

THE WAVE OF THE FUTURE

# EACO CHEM CLEANING PROCESS

## **FOLLOWING EACO CHEM'S CLEANING PROCESS WILL SAVE YOU TIME, MONEY AND GIVE YOU EXCELLENT RESULTS**

### **Beginning from the top of the wall:**

1. Lightly pre-wet or pre-cool the wall.
2. Apply chemicals using the EC Jet to the area to be cleaned.
3. After first application of chemical, scrape the area with a long handled scraper from the wall.
4. Check smears and tags to see if they crumble easily (N type mortar usually only requires one application. Harder mortars (S or PCL) and extensive residue will benefit from repeated applications.)
5. If needed, repeat application to melt remaining residue and extend dwell time. Do Not rinse with water between applications.
6. Begin rinsing from the top down. Use long even strokes that overlap each other. Good chemical application means that your rinsing passes can be done quickly without having to get close to the wall with the high pressure nozzle.

### **Additional NMD 80 and SOS-50 Tips:**

- With NMD80 and SOS-50, the longer it stays wet on the wall, the cleaner the result and the least amount of rinsing is required. After reapplication scraping can be done further down the wall.
- Choose the rinse style: Brick, split face and common block, natural stone, and precast use a high pressure rinse. For smooth dyed block or brick and synthetic stone use the EC Jet for a low pressure (50 psi) rinse.
- The amount of foaming reaction will lessen with each application. When you apply NMD80 to a wall that is thoroughly cleaned, there will be little to no foaming as it contacts the wall. Rinse time will be dramatically reduced.

*\*\*\* Pressure washers equipped with a down stream chemical injector (after the high pressure side) should have the injector removed before using the EC Jet. If the chemical injector is attached with a quick coupler, simply uncouple it and attach the pressure hose in its places. If the chemical injector is hard plumbed in place, simply place the chemical hose in a five gallon bucket full of water when using the EC Jet.*



**Biodegrades readily. Generally NMD 80 runoff should be neutral within an hour in exterior cleaning where runoff is not collected.**

**Uses 80% less water than other cleaning processes.**



## **WATER IS NOT YOUR FRIEND**

Most of the problems associated with staining or deposits on or in masonry/concrete walls are due to excess water migration. Our top down process requires a thorough rinse. Thorough is not soaking or drenching a wall, it is methodical and consistent (refer to videos). All parts of the wall should be rinsed once. Absorptive brick or cast stone cause worry among many contractors, don't worry. Our process works with these substrates.

Additional issues are discussed in our "Complete Cure" brochure. Our "Vanadium and Manganese Issue Statement" should also be reviewed.

# PRODUCTS THAT WORK

## SOLUTIONS FOR PROFESSIONALS



NMD 80 is a powerful detergent-based solution designed for safe and effective removal of mortar smears and efflorescence from masonry surfaces. It can be used on all masonry substrates including brick, stone, synthetic stone, pre-cast concrete, designer or colored block. The added buffering ingredients allow NMD 80 to be powerful yet safe enough for glass and anodized aluminum. NMD 80 requires no respirator when working outdoors in well ventilated areas.



SOS 50 is a buffered detergent-based solution designed for the cleaning of new masonry structures. The HCl has been replaced, making this product an acid alternative where needed. SOS 50 can be used on virtually any type of brick, block, stone, cast stone and pre-cast. There is no scrubbing necessary.



This product is designed as a pre-soak to facilitate quick removal of calcite on clay brick. Calcite Presoak is used in conjunction with NMD 80 to ensure complete removal of calcite. Calcite Presoak provides powerful penetration and softening action of Calcite. First apply Calcite Presoak straight and allow a dwell time of approximately 5 minutes. Once you've opened up little pin holes, then apply NMD 80 cut 4:1 wet on wet without rinsing in between. Allow dwell time 5-10 minutes, then rinse for results.



This product is designed as a pre-soak to facilitate quick removal of white scum on block, brick, or concrete. White Scum Presoak can also remove calcite deposits from concrete masonry units (CMU). White Scum Presoak is used in conjunction with NMD 80 to ensure complete removal of white scum. White Scum Presoak provides powerful penetration and softening action of white scum. First apply White Scum Presoak straight and allow a dwell time of 5-10 minutes. Then apply NMD 80 cut 4:1 wet on wet without rinsing in between. Allow dwell time 5-10 minutes, then rinse for results.



OneRestore is a breakthrough product that provides remarkable versatility, cleaning power and safety all in one product. Capable of removing the deepest pollution stains from limestone and brick, it is also used to safely restore glass and anodized aluminum. This product can remove virtually any metal oxide stain including copper stains and can be an effective coating remover. Safe for most surfaces and people, OneRestore is a great choice for cleaning and restoring colleges, schools, hospitals, government facilities and offices. With a "spray on/spray off" application process, OneRestore will save hours of cleaning time versus the traditional bucket and brush process.



EF-Fortless is a soap solution that melts powdery efflorescence and haze from cleanup efflorescence, and helps to control its return. This product is mildly acidic and great for use on color sensitive surfaces since it will not discolor brick, block or mortar. It can be used on slurry-dyed block and similar substrates. Simply apply EF-Fortless straight and wait for foam to collapse. Reapply as needed. No rinsing required. The amount of coverage will vary with the thickness of the efflorescence; with the most common powder type getting approximately 75 square feet per gallon. This product offers long-term protection. Surface can be sealed after one week.

## SEALER REMOVERS

	Stripsol LO	Graf-Ex	Acrylistrip
(A) Acrylic Semi Gloss	5	4	5
(B) Solvent Based Silicone	4	5	5
(C) Solvent Based Acrylic	3	4	5

## NEW COMMERCIAL AND RESIDENTIAL CONSTRUCTION

THE WAVE OF THE FUTURE

# WATER REPELLENT COATINGS

## CONCRETE AND CLAY SUBSTRATES

EC 101 WB and EC 102 SOL form uniform, long lasting, water repellent coating on pavers, concrete surfaces, brick and split faced block. These coatings enhance the surface without leaving the surface slippery when used on horizontal surfaces. Efflorescence problems can be dealt with even after the coating has been applied. They protect from water, normal wear, and some food and oil stains.



Water-Based Sealer



Silicone-Based Sealer

# RESIDENTIAL MASONRY CLEANING

## GUIDELINES AND TIPS

### PRECLEAN

1. Always test windows and frames with the pencil test. (Pencil Test: Take a pencil, dip eraser end in undiluted NMD 80 and touch it to the window and frame. Allow product to sit for a minute then rinse it off. Observe results after drying. This test is not intended if windows are not installed before cleaning.)
2. Cover any hardware if doors or fixtures have been installed before cleaning.

### TOOLS REQUIRED

1. EC Jet, NMD 80, and pressure washer give the fastest clean on all types of masonry substrates.
2. Residential cleaning is best done with ladders with stand off bars at top.
3. A large steel ladder hook in an "S" Configuration is required to hold bucket while cleaning from 28 feet. 13 feet and below can be done from the ground as long as the pressure washer wand is 5 feet long and your cleaner stands 5'-7' tall.
4. Best results occur when scaffold is removed prior to cleaning except for chimneys and gable ends.

### TIPS

1. For chimneys above 28' cleaning should be done while scaffold is in place. NMD 80 has been used successfully with low pressure rinse in under 24 hours after but we recommend 24 hours curing time before cleaning. When cleaning chimneys, leave roof protection and mortar droppings in place while cleaning. This catches and helps neutralize any overspray or rundown.
2. For gables above 28' cleaning time is the same as above. Cleaning should only be done down to 28' line as working from scaffolding slows the cleaning process.
3. Cleaner should be furnished a shovel for leveling the ladder for stability and safety.



**HIGHEST**  
**LEVEL**  
**CLEAN**

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