In San Francisco, CA, the TransAmerica Building or “the Pyramid” is one of the most recognizable buildings in the country. When the time came to clean the building, multiple issues had to be considered.

Like many urban structures, glass comprises a large part of the structure. With Redwood trees in the background, there was no practical way to cover up the trees. OneRestore® not only cleaned the years of smog and other stains, but did so without harming the glass or Redwoods.

With the bay on one side and the ocean on the other, wind drift was a constant issue when rinsing. A low pressure initial rinse, along with an application of Cleansol BC (diluted 50 parts water to 1 part solution) neutralized the OneRestore® prior to final rinsing.

The planters with sensitive plants were directly below areas that were being cleaned. As you can see they were not covered and no damage occurred.

Large Redwood trees are planted near the building. There was no way to cover the trees during the cleaning process, yet there was never an issue of damaging them.

For technical information and instructions for any EaCo Chem product, please refer to the Product Data Sheet.
There are three Principle Points of Safety when cleaning with the Urban Highrise Restoration System:

1) **Safety** - OneRestore® is not regulated by the DOT and ships non hazardous in its concentrate form. OneRestore® undiluted will not damage glass, skin or other substrates when following directions.

2) **Chlorine**, the principal engine of OneRestore®, is present in all water that is treated for consumption in the U.S.A.

3) **Neutralization** is not left to chance with this system. When applied to alkiline surfaces (limestone, mortar, concrete, etc.), OneRestore®’s acidic component is neutralized in the process of run down. Cleansol BC (50:1) is used as a second step prior to rinsing to assure neutralization of any remaining residues.

*Important to note* - Initial rinse should be done with low pressure to avoid any back spray. You can then follow with a higher rinse to complete the stain removal.

The Mall of America in Bloomington, MN is one of the largest indoor malls in the country. It is also the perfect example of post 1950 construction, with the wide variety of substrates used in construction.

The inset photo shows some severe staining on the lower section. OneRestore® was able to clean the multitude of substrates and still be safe enough for a mall setting.
OneRestore® has proven over time to be very effective at removing a wide variety of coatings, concrete leaching, pollution and wind blown clay deposits from glass, either by itself or in conjunction with Graf-Ex. Whether it is an anti-graffiti coating, complex acrylic, silicone, Silane/Siloxane waterproofers and acrylic waterproofers, all can be easily and safely removed.

The City Center Tower in Nashville, TN was clouded by siloxane overspray. The overspray was removed by OneRestore® using a simple wipe on/wipe off process.

Heavy coatings of acrylic resin (above left) and modified siloxane (above right) were applied to this mirrored glass during testing. Cleaning was performed at various time intervals to simulate real case scenarios. Graf-Ex removed the coatings with ease, while OneRestore® wiped away any residual haze.

These hard water stains (above) in Dallas, TX were so severe that you could not see in or out. After an application of OneRestore® (below), the difference is as clear as night and day!

For technical information and instructions for any EaCo Chem product, please refer to the Product Data Sheet.
The Biosphere 2 in Oracle, AZ is the world’s largest greenhouse. Taking up 3.14 acres, the Bioshpere 2 is a massive research center that requires an enormous amount of sunlight to allow the plants inside to thrive. In 2008, the glass panels were barely letting any sunlight in, as seen the above right photo.

After cleaning the building with OneRestore®, the glass panels were so clear that the sunlight actually browned some leaves unaccustomed to so much light. Even with the glass panels being coated in a film of wind blown debris, no brushing was required to clean them. OneRestore® was able to accomplish the task at hand simply, easily and safely!

Even though OneRestore® is a powerful, commercial grade restoration detergent, the bufferings allow it to be perfectly safe on anodized aluminum frames.

As seen in the before and after photos, the oxidation on the frame on the left makes the frame appear dull and worn. After an application of OneRestore®, the anodized frame looks new, as seen in the photo on the right.

A.R.T. (Anodized Restoration Treatment) would be applied to this frame once it is dry to bring back the natural luster.
In Manhattan, the Polish Consulate was in drastic need of cleaning. Originally built in 1905 as the de Lamar Mansion and listed on the National Register of Historical Places in 1983, this magnificent building is the anchor for its block.

In 2008, the contract was awarded to restore this historical site. OneRestore® was the main product selected for the job due to the wide variety of staining issues ranging from city traffic to general build-ups. The intricate details had to be carefully preserved while not harming the surrounding buildings or adjacent surfaces. With its safety and user friendly qualities, OneRestore® was truly the best option.

At night, the building is lit up and the buildings details are even more magnificent.

**OneRestore® and Historical Structures:**

From the marble around the entrance to the ornate details around the entire building, OneRestore® was able to make all of the details look new.

**Other Historical Sites:**

Historic One West Wilson Street in Madison, WI was a unique state project. The original product specified was one of our competitors restoration cleaners. However, after several attempts by the contractor to clean the surface, there was little change to the grime. Someone on site overheard conversations about the lack or results and mentioned the cleaning agent was the problem. OneRestore was originally tested, however politics took over!

The following week, OneRestore was re-tested head-to-head with their cleaner. After 45 minutes of applying and scrubbing with their product, the wall showed little change. With only one application of OneRestore, no scrubbing and a ten minute dwell time, the area tested looked new!

The state of Wisconsin is so pleased at the results that they are now specifying OneRestore for several other state-run historic restoration projects!

For technical information and instructions for any EaCo Chem product, please refer to the Product Data Sheet.
The most important thing to consider when choosing a restoration solution is its ability to work on multiple substrates without having to change methods. OneRestore® is without question uniquely suited to handle a wide variety of substrates. Brick, block, natural stone, synthetic stone, glass, etc., all can be safely and effectively cleaned using OneRestore®. There is no need to mask any of these substrates. In the example to the left, the historic public library in Canton, MA, had years upon years of dirt and grime built up on the brick, limestone and granite. One product, OneRestore®, was able to safely and effectively clean all three substrates. The windows did not need to be masked during full scale cleaning, saving hours of time and money.

Traditionally, the limestone industry has argued against using Hydrochloric Acid (HCl) to clean limestone. However, our HCl based products have been proven to be used safely and effectively on limestone. For simple cleaning, OneRestore® alone is more than capable of handling the task. For deeper stains or crust, Stripper Cream is used in conjunction with OneRestore®.

Limestone is one of nature’s most durable building surfaces, literally lasting for hundreds of years. Limestone’s longevity is why it is on so many high profile buildings. Yet for all its durability, the fact that it is so porous makes limestone highly susceptible to deep stains that can greatly diminish its natural beauty.

In the top picture, you can see the wall being pre-wet with water. The severity of the stains were obvious, even when the wall is wet. Water alone would not clean this building.

In the middle picture, you can see OneRestore® working as the foam runs down all three substrates. The windows did not need to be masked during full scale cleaning, saving hours of time and money.

In the bottom picture, you can see that all of the dirt and grime has been removed from the test area, making those surfaces look like new.

OneRestore® cleans safely, with undeniably impressive results.
* Limestone
* Sandstone
* Brownstone
* Marble (unpolished)
* Precast
* Exposed Aggregate
* Cast Stone

* Poured Concrete
* Brick
* Block
* EIFS
* Terra Cotta
* Granite (unpolished)
* Alucobond
* Paint

* Glass
* Anodized Aluminum
* Vinyl
* Metals
* Wood
* Composite Decking
* Stucco
* Sealer Cleaning/Removal

EaCo Chem, Inc. • 765 Commerce Avenue • New Castle, PA 16101
(724) 656-1055 • Fax (724) 656-0757 • www.eacochem.com • info@eacochem.com