



Science.
Applied to Life.™

Twenty-year-old city hall restores, protects and maintains original flooring features.

3M Commercial Solutions Division | Facility Care Solutions for Cleaning and Safety

Case Study

Henderson City Hall

Challenge: Heavy foot traffic was scuffing the terrazzo flooring and diminishing its appearance. Frequent scrubbing, buffing and recoating was required to maintain aesthetics.

Product Selection:

3M™ Stone Floor Protection System

Benefits: Complete floor care process — restores the natural beauty of porous stone and produces a remarkable, long-lasting shine, while reducing labor time and cost.

Project Scope

Built in 1963, Henderson City Hall in Nevada is the center of all government and city activities and accommodates numerous departments including city council, municipal court and public works.

Henderson City Hall provides residents and businesses with public services such as ambulance, police, water and sewer. It is home to a large number of full- and part-time employees resulting in heavy foot traffic in meeting rooms and common areas.

Situation

Due to the heavy foot traffic in Henderson City Hall, the floors scuffed and needed to be cleaned and/or coated each month. The custodial service team had to strip the buildup of floor finish annually in order to maintain aesthetics.

The City of Henderson sought an efficient, long-term solution to reduce maintenance and streamline the cleaning and protective process for the building's 11,000+ square feet of terrazzo flooring.

Having successfully partnered with 3M to consolidate the city's chemical selection to reduce dozens of SKUs and simplify training and inventory management, the building's Custodial Manager, Mark Chiangi, looked to 3M for a comprehensive floor care solution.

“The selling point for us was that we brought the terrazzo floor back to a natural state and put a guard over it, instead of having to use chemicals for shine.”

— Mark Chiangi, Custodial Service Manager for the City of Henderson



3M Solution

Three different 3M product lines, including the 3M™ Stone Floor Protection System, were tested for the cleaning and protection for the terrazzo flooring. Chiangi and his team ultimately switched to the 3M™ Stone Floor Protection System because it provided an entire cleaning system with a shorter implementation process than the competitive set. The solution also significantly decreased labor costs, as it didn't need to be applied as frequently as other floor systems.

The 3M™ Stone Floor Protection System is easy to execute and involves only two steps. After the product is in place, ongoing maintenance consists of reapplying the protector once every six to nine months. Additionally, the 3M™ Stone Floor Protection System eliminates the need to scrub and recoat, as the protector can last two years before needing to strip and reapply.

Result

Henderson City Hall has been able to significantly reduce costs because the 3M™ Stone Floor Protection System is less labor intensive and eliminates the need to buff or scrub the floor on a weekly basis. The transition has saved the city approximately 25–30% on labor, resulting in an expedited return on investment.

Another key result of the city's switch to the 3M™ Stone Floor Protection System was its positive effect on the building's overall aesthetics. Remarkably, the product was able to bring back the terrazzo floor to its natural appearance while simultaneously enhancing clarity and shine. The protector has also increased floor traction, providing a safe walking space for city hall visitors and employees.

"Staff and visitors who have walked the areas we've done so far have definitely noticed a difference and consistently remark about the level of shine and clarity." said Chiangi.



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Restore. Protect. Maintain.

The 3M™ Stone Floor Protection System is a complete floor care process that restores the natural beauty of porous stone and produces a remarkable, long-lasting shine. An easy-to-use solution with environmental features, the product reduces the need for stripping or deep scrubbing and creates a high-traction gloss that can help reduce slips and falls.

Unlike other competitive products that require numerous steps, the 3M™ Stone Floor Protection System:

Restores.

Precise, fast-cutting 3M™ Trizact™ Diamond Abrasive Pads.

Protects.

Protect from staining, scratching and black marks with Scotchgard™ Stone Floor Protector.

Maintains.

Brilliant shine with Scotch-Brite™ Purple Diamond Floor Pad Plus, 3M™ Tan Burnish Pad 3400, and 3M™ Neutral Cleaner Concentrate.

For more product information, visit 3M.com/stonefloor