

IMPRINT WAS ONLY THE BEGINNING...
REALIZE THE POSSIBILITIES.

Bomanite® SYSTEMS

▶ BOMANITE TOPPING SYSTEMS

▶ BOMANITE PRECAST SYSTEMS

▶ BOMANITE CUSTOM POLISHING SYSTEMS

▶ BOMANITE IMPRINT SYSTEMS

▶ BOMANITE GRASSCRETE SYSTEMS

▶ BOMANITE EXPOSED AGGREGATE SYSTEMS

PROJECT PROFILE

UCHSC Educational Bldg./Fitzsimmons Campus

Available in finishes from satin to gorgeous gloss, the Bomanite Custom Polishing System offers exceptional resistance to slipping, abrasion and impact. Finished surfaces also repel water and oil and are dust-proof. Superior to limited-life coatings, this finish doesn't require replacement, recoating or waxing. The non-toxic, non-flammable and odorless application is environmentally friendly. And surface care is user-friendly as routine cleaning will maintain luster.

Durability & Beauty in One: Bomanite Custom Polishing Systems



PROJECT STATISTICS

Project Name:
UCHSC Educational Bldg./
Fitzsimmons Campus
• North Bldg.
• South Bldg.

Project Type:
Educational Facility

Nature of Business:
Interior Flooring

Location: University of Colorado
Health Sciences Center,
Aurora, CO.

Project Architect: JD Nelson
Anderson, Mason & Dale Architects
Denver, CO.

Year Installed: August 2007

Sq. Ft.: 32,000

Bomanite System:
Custom Polishing

Products:
Bomanite Concrete Dye
Color: Maple Syrup

Bomanite Stabilizer Pro

The patented technology of the Bomanite Custom Polishing System, paired with Bomanite's long-established color and craftsmanship, delivers the industry's best concrete floor finish. And that's exactly what the state-of-the-art University of Colorado Health Sciences Center (UCHSC) featured here got—the best.

Wanting an inexpensive floor relative to the cost of stone, one that is easy to maintain, aesthetically appealing and has a reflective surface that can stand up to heavy foot traffic, the project architect JD Nelson of Anderson, Mason & Dale Architects looked to Bomanite for the job. The collaborative team of local Colorado Bomanite Franchise Partner's Colorado Hardscapes, Inc. and All-West Surface Prep were chosen for the project after winning a stain/polish competition set up by Nelson to show different interpretations of his specification. Given a 10'x10' area, 3 contractors competed for the job. The team of Colorado Hardscapes and All-West Surface Prep impressed the "judges" with a combination of the Bomanite Custom Polishing System with the new Bomanite Concrete Dye. **Even more impressive, the polished surface proved to be most durable out of the choices when in the final judging stages a metal bar left a deep scratch in a floor sample that was only stained and sealed. That same metal bar had also crossed the v-cut line separating the stained sample and the competing polished sample. The bar did not scratch or even mark the polished surface.** Encompassing all the elements needed for the project, Nelson selected the Bomanite dyed and polished concrete surface to be installed.

Over a 4-month period Colorado Hardscapes and All-West Surface Prep installed over 32,000 sq. ft. of dyed and polished concrete. Split up between two buildings, the North Building with 3 levels of hallways and the South Building with 2, All-West Surface Prep had the task of polishing all of the floors, stairs and entries of the educational facility. Colorado Hardscapes was responsible for layout, cutting and dying all of the decorative pads in the floor with Maple Syrup Bomanite Concrete Dye. Approximately half of the entire project surface was dyed.

Utilizing Bomanite Concrete Dye, Colorado Hardscapes was able to expand the possibilities of coloring the concrete floor for the project. Available in a wide range of colors, Bomanite Concrete Dye can be applied as both a water-based or solvent-based product. They do not chemically react with the concrete, but utilize very fine colorants that penetrate the concrete and produce coloration similar to what you might expect from a chemical stain. Dyes are easy to apply, quick to dry, produce immediate color, and require little clean-up, resulting in faster completion of the project.

The job was challenging in that there were 6,200 linear ft. of edges to blend and polish. A big part of the job was blending the walls with the floor with hand tools that go all the way to the wall with the large grinders that do the main parts of the floor. All-West Surface Prep rose to the challenge and accomplished the task at hand beautifully. "I was impressed with how well the walls and floors blended," said JD Nelson when asked about the end result. The floors were ground with 18/20 diamonds, then 30/40, 60/80 and 120/150 diamonds. Bomanite Stabilizer Pro was applied between the 60/80, 120/150 diamonds, then the floor was polished with 100, 200, 400, 800, and 1500 diamond resins. Bomanite Stain Guard was applied at the end of the polishing to give the floor a nice universal shine.

The hallways of the project were the arteries of the entire job. Working with a variety of people, trades, artisans travelling in and out of the rooms and offices took patience and a lot of cooperation. To keep the project on track, All-West Surface Prep volunteered to work in the evenings. "We gave up better lighting for more open space. No traffic in the hallways improved our productivity," said Chuck Wagner owner of All-West Surface Prep. "Our men preferred the nights so they could concentrate on their mission with less interruptions," he continued.

In the end, Colorado Hardscapes, Inc. and All-West Surface Prep stepped up to the plate and the needs of the client were fulfilled in budget and on time. Not only have the floors proved durable and low-maintenance, the reflectivity of the polished floor puts the light from all windows to good use making the aesthetic appeal of the floor even more desirable.

Bomanite Custom Polishing Systems are available exclusively by Bomanite Franchise Partners trained and certified to install these finishing systems. To find out more information about Bomanite Custom Polishing Systems or any of the products featured here, visit www.bomanite.com. To locate a Bomanite Franchise Partner near you, visit www.bomanite.com/locate.

Bomanite Stain Guard

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