

## Desk Jockeys at Work

Part of the new product development process at Versatile Building Products requires staff members to prove how easy their products can be used in the field. So company president Mike Meursing and technical director Mark Glendrange set out to do just that by installing the company's new Roll On Rock Hybrid System 4h. Both men work behind a desk 40 hours a week and do not install coatings for a living.

The 450-square-foot, concrete garage floor they coated was attached to a relatively new home. The surface was porous concrete so only light diamond grinding was necessary. They completed this in 30 minutes using a 7-inch hand grinder.

They mixed the first 5205 Hybrid Clear Primer coat at about 9:30 a.m. and applied it to the concrete using a roller and brush. The primer dove deep into the concrete, providing a very dark, wet look. This dried in 30 minutes, at which time the 5210 Hybrid Pigmented Bodycoat was mixed and applied to the surface using a roller and brush.

Because both products had more than one hour of pot-life, they mixed two kits. The chips were broadcast to the point of rejection over the wet bodycoat within 15 minutes of its application. This was allowed to dry for a little more than one hour.

They then scraped the floor to remove and recapture the loose chips so they could be used later on another project. A hand blower removed the remaining dust particles from the floor. One two-gallon kit of Polyurea 5073 was mixed and applied over the flakes to create the final high-gloss topcoat. They used extra care to evenly apply this with an 18-inch roller.

Because expansion joints broke the floor into four sections, they applied the topcoat a section at a time. Each section was back-rolled at a right angle of the initial application before the next area was done. The project was completed before 1:30 p.m. the same day (which happened to be the hottest day of the year so far). The system was allowed to dry at least three hours before they gave

homeowners the green light to return their contents to the garage.

*View a video of this case study at [www.rollonrock.com](http://www.rollonrock.com). Order it on DVD by telephoning Versatile Building Products at 1-800-535-3325.*

## Removing the Hazard from a Cement Plant

Buzzi Unicem, a cement manufacturer in Cape Girardeau, Mo., receives hazardous waste from a variety of sources to be burned as alternative fuel for the cement kiln. The waste includes a wide variety of chemicals, including solvents and oils.

This is stored in large tanks that are placed onto concrete foundations inside a containment area. This area is designed to hold spills and leaks of the largest tanks in the tank farm and then contain these spills until crews can remove them. This is especially important in case there is a spill over a weekend, when it may go unnoticed for several days.

The design for a new secondary containment area required that the



*It took only four hours for two men to coat this concrete garage floor.*