

Betco® Crete Rx™ Concrete and Terrazzo Maintenance System Saves 50% in Labor



A building service contractor (BSC) in Michigan had been maintaining terrazzo floors for over 8 years using a competitive polishing system. While this system did the job, the BSC's main complaints were the excessive time it took and the mess it created. When Betco® began planning to launch its new and improved ProGrind Honing & Polishing pathway within the Crete Rx™ System, the Betco representative offered to demo the enhanced prescription pathway.

3 Step Process

VS.

5 Step Process

THE CHALLENGE

- **Labor-Intensive Process:** The competitive system required a 5-step process that took approximately 5 hours to cover just 1,000 square feet of terrazzo flooring.
- **Inefficient Equipment:** The BSC used corded swing machines, which were heavy, difficult to maneuver, and lacked sufficient weight pressure. This equipment required 12 to 20 passes per step and involved 6 different tools throughout the process.
- **Mess and Cleanup:** The extensive back-and-forth movements of the swing machine created a mess, which required approximately 1.5 hours of cleanup time per 1,000 square feet.
- **User Fatigue:** The long hours, use of swing machines, and cleanup efforts all contributed to user fatigue, as it was a grueling process to complete.

THE SOLUTION

To determine if the Crete Rx ProGrind Honing & Polishing system could address these challenges, the Betco representative conducted a demo on a 1,000-square-foot section of terrazzo floor at a school building in a district that the BSC services. Using a GeneSys™ Auto Scrubber, the different tools were swapped out to complete each step.

Step 1:

Using LiquiGrind and the Crete Rx Step 1 Blue Grind Tool attached to a Genesys 28D autoscrubber, the team quickly removed old sealers, finishes and wear from the cementitious terrazzo floor.

Step 2:

LiquiGrind and the Crete Rx Step 2 Green Hone Tool attached to the Genesys 28D auto scrubber was then used to smooth and level the floor, preparing it for the final polishing step.

Step 3:

The Crete Rx Step 3 Tan Polish Tool was used to smooth and polish the floor, then Stain Defense was used to seal the floor, leaving behind a protected, high-gloss floor.

THE RESULTS



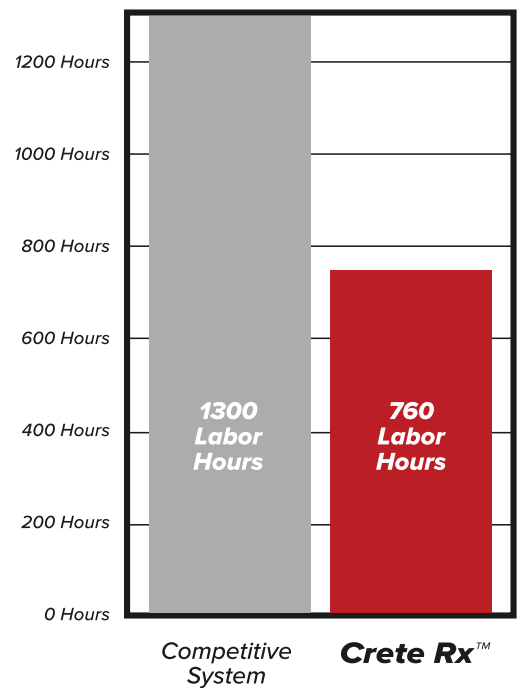
50% Less Labor & 80% Less Mess

After completing the 3-step Crete Rx™ ProGrind Honing & Polishing System, the BSC quickly recognized several advantages over the competitive system:

- The Crete Rx system **reduces polishing time by 40%**, completing 1,000 square feet in less than 3.5 hours, compared to over 5 hours with the competitor's system.
- The GeneSys 28D Auto Scrubber **required just 5 passes per step**, whereas the competitor's system needed 12-20 passes with a low-speed machine, saving both time and labor costs.
- The Crete Rx system **reduces mess by 80%**, cutting cleanup time from 1.5 hours to just 20 minutes, significantly improving efficiency and **saving 50% on time and labor**.
- The Crete Rx system uses **fewer steps (3 instead of 5) and fewer tools (3 instead of 6)**, making the process more cost-effective, easier to manage, and less physically demanding, which helps reduce worker fatigue.

If the new and improved Crete Rx ProGrind system were implemented across the entire school district, covering 200,000 square feet of terrazzo, it would take approximately **760 hours to complete**, including cleanup—**significantly less than the 1,300 hours required by the competitive system**. The result is a superior high-gloss finish with enhanced durability, improving floor appearance and providing lasting protection with less effort.

**Time to Hone & Polish
200,000 Sq. Ft.**



Does your current concrete or terrazzo honing and polishing program require intensive labor?

Contact your Betco representative for a demo with Betco's new and improved Crete Rx ProGrind Prescription Pathway.



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