

Company:

Mc's Painting & Decorating

Industry:

Commercial/Industrial
Painting & Industrial Flooring

Application:

General Concrete
Construction

Material:

Concrete & Silica Dust

"In the past we were wet polishing guys but got away from it and went to dry simply because the slurry management process was such a pain to deal with. Your slurry vac has changed the game, and now we are back to our preferred method of wet grinding."

Josh Mcbrayer

Mc's Painting & Decorating

THE SITUATION

Mc's Painting & Decorating has used a variety of different processes for their concrete construction projects in the past. While their results were never subpar, previous attempts only created more problems than they solved. Both the wet and dry methods were not able to maintain the standard quality that Mc's Painting & Decorating expected from their industrial equipment. During this period of struggle, the excessive combination of water and concrete fines were not able to be efficiently removed from the site with their current equipment, regardless of the nature of the project.

The floor scrubbers that Mc's Painting & Decorating used were not designed to pick up the slurry left behind. This instead led to multiple breakdowns, increased machine maintenance and repairs, and a loss in production. As it takes a great deal of water to expertly complete a wet concrete grinding process, machines that cannot withstand this job are a waste of time and money. These struggles, combined with limited slurry vacuum options until recently, created the complex issue of production management and quality assurance for a business owner.



Company:

Mc's Painting & Decorating

Solutions:

Option 1

Switch Back To Dry
Concrete Grinding

Option 2

Purchase A New Slurry
System

Final Solution:

Option 2

Purchase A New Slurry
System

SOLUTION OPTIONS

There were two ways Mc's Painting & Decorating could approach this situation: they could either switch to dry concrete grinding entirely, as their slurry management system was too laborious to maintain, or they could try a new slurry management vacuum solution from a different company. Both options presented potential problems and had to be considered carefully from a financial standpoint. Switching to solely dry concrete grinding would require a different process and create more dry dust to remove, along with potentially affecting the outcome of the floor.

However, purchasing a new slurry management system meant extensive research and testing to prove the concept and process was effective. Considering that the market for wet/slurry vacuums has only recently started to expand, this made their preferred method of concrete construction a less viable option.

RESULTS

Mc's Painting & Decorating made the transition to dry concrete grinding at first, but their frustration with the slurry process was replaced by an excessive amount of concrete dust to manage along with possibly affecting the finished results. Although the dry grinding and polishing process was a perfectly effective manner of concrete grinding and polishing, it did not reflect the efficient and well-organized level of care that they dedicate to each of their clients. Dry concrete grinding also had the potential to be detrimental to employees' health, due to the risk of excessive silica dust inhalation. While objectively this option was effective, they still wanted to find a system that truly worked for their business model and reflected their passion for impeccable flooring.

When they purchased a Slurry Pro from Ruwac USA, Mc's Painting & Decorating did not know they had found the vacuum that would transition them back to wet concrete grinding and polishing. However, after witnessing the Slurry Pro's ability to skillfully handle a concrete polishing project without taking additional time or effort, they were convinced. Mc's Painting & Decorating immediately purchased a second unit to add to their fleet, making sure to order another generator attachment for its cordless experience. Now, they have moved their "entire polishing operations over to wet/slurry method" according to Josh McBrayer from Mc's Painting & Decorating, because Ruwac's "slurry vac has changed the game."

