

Established in 1981, Master Maintenance, Inc. is a professional facility maintenance company that provides quality building services to commercial and industrial businesses.

We pride ourselves in providing the most professional service in the industry. Currently, we clean over 12 million square feet each night.

A few months ago we were introduced to a new product called Nano Power Finish that had the potential to save us a substantial amount of money on labor costs as time required to clean certain surfaces could be less. As explained by CTA Products, the developer of the product, Nano Power Finish utilizes the new science of nanotechnology.

Nanoparticles penetrate surfaces 4-times deeper than other finishes, creating a perfect seal and repelling water, dust, dirt and grease. In addition we were attracted by the fact that Nano Power Finish is a green eco-friendly product that is easy to apply and leaves no residue. Therefore we decided to do a test on the product.

The test was done on 275 units of desk surfaces on the entire second floor of classrooms of a major university, an area of about 21,000 square feet. The desks are made of Formica and are very time-consuming to clean as students leave grime and fingerprints throughout the day that are notoriously difficult to remove on Formica. These could only be cleaned with "elbow-grease" and liberal use of all-purpose cleaners and had to be cleaned twice daily. The results of the test are encapsulated in the chart below:

	Week 1 Man Hours Per Day	Week 2 Man Hours Per Day	Weeks 3-6 Man Hours Per Day
Regular Cleaner	28	28	28
Nano Power Finish	24	18	12

In week one the Nano finish was applied every other day. In week two we applied Nano only once. In weeks 3-6 we applied Nano once per week. As you can see, by the beginning of week 3 we were saving 16 man hours per day. After a few applications of Nano Power Finish the formica tops became so easy to clean that the grease marks and smudges were removed with only a light dusting and only light application of cleaner. It now only takes 30 seconds to clean each desk! The grime does not stick to the desk surface as before and is quickly removed with a few swipes. Even the teachers remarked how clean the desks looked even though we did not discuss with them that we were using a new product.

As a result of this test, we have now expanded its use to clean many other type surfaces, i.e. kitchen counters, lobby counters, break room counters, restroom counters, glass doors and windows and stainless steel surfaces. We are continuing to find labor savings in all areas where the product is applied and will also document