

# How Durable are the

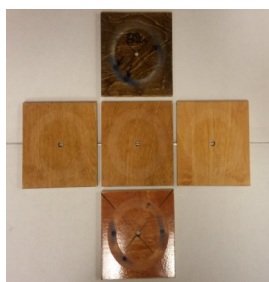
877-WOOD-360

# Mr. Sandless® Products?

Mr. Sandless® extensively tests our stains, sealer and finishes to be sure we deliver to our valued clients the best and safest products available in the market today! We have invested nearly fifteen years and tens of thousands of dollars into research and development of our product line which are available only through a licensed Mr. Sandless® dealer. Not only do our customers want products that look good, are safe and last...so do the more than 140 Mr. Sandless® dealers around the world!

## Tested by Top Independent Third Party Laboratories

Many other refinishing companies test their product lines "in house". How fair do you think *that* is? Mr. Sandless® only uses top name laboratories with blind submissions to them, for the most accurate and true measure of our product line!



The tests they performed for us include:

ASTM D3363 Pencil Hardness Test  
ASTM D4060 Taber Abrasion Resistance  
NEMA LD-3 Taber Rotary Abrasion Test

## Durability Testing Results

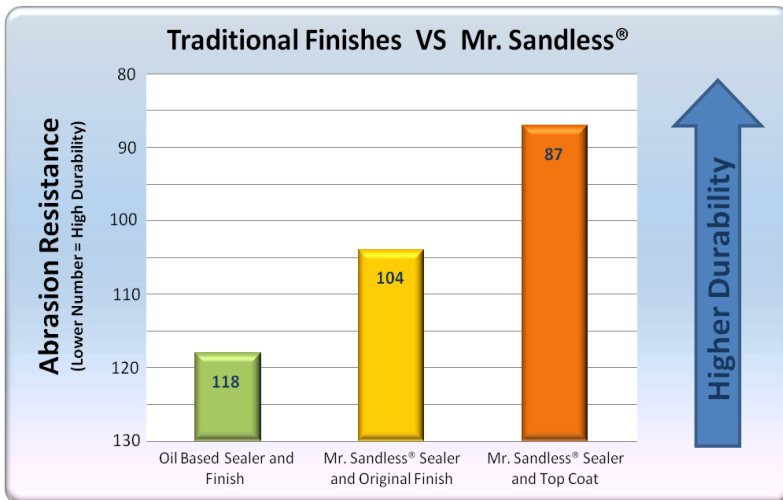
The panels on the left are examples of some of the tests performed for Mr. Sandless® and the birch panels used for the test, which are the recommended medium. All samples submitted for comparison were properly prepared to Mr. Sandless® standards that our clients would receive on their floors, cabinets, doors, and stairs. We tested our two finishes against a top of the line name brand oil-based urethane. In fact, to be even most fair, we asked a very reputable floor store what they recommended! The oil based panels were sanded, sealed with oil-based sealer, and finished with oil-based finish using the exact same techniques a sanding company would use which included sanding, screening and buffing as needed between coats. All panels prepared were completely sealed prior to being sent to the laboratory for testing. Multiple panels of both the Mr. Sandless® products and the oil-based urethane were submitted to assure that fair and accurate testing results could be presented, and the panels were blindly submitted to the laboratories, marked "X", "Y" and "Z" or "A", "B", "C".

As shown in the graph below, the Mr. Sandless® product line outperformed oil-based products it was compared to, using the same exact birch panels to test all products, with sealed samples of all products. Each panel is weighed. A CS17 wheel with a 1000 gram load is run over each panel 150 cycles, and then the panel is weighed again. The less weight loss, the more durability the products will have. To be most fair, all the samples in each group were averaged to give the most accurate reading as results of just one or two samples can vary. If you look at some of the actual sample panels you will see where the wheel ran the cycles over the boards, which mimics "wear and tear" of floors over time and normal use. The lower the wear index number, the more durable a finish is over time.

## The results are startling!

Name brand oil-based sealer and finish scored a wear index of 118. Mr. Sandless® Sealer and Mr. Sandless® Original Finisher scored a wear index of 104...12% better than oil based sealer and finish! Mr. Sandless® Sealer and Mr. Sandless® Top Coat Finish scored a wear index of 87... 26% better than oil-based sealer and finish! But wait, there is more! While Mr. Sandless® sealer and finish are completely nonflammable, the oil-based sealer and finish is highly combustible. While using these products, they could easily ignite and burn your home to the ground. This is not as rare as you think. Just a while back, two houses burned to the ground after the oil-based finish ignited while the floors were being done.

But wait, you get one more special gift with oil-based urethane. These products have a strong warning that they can cause "permanent brain and nervous system damage".



**Is there any question on what you want used during your wood refinishing?**

**Mr. Sandless®**

**Refinishing the world, one customer, one floor at a time!**