

Abstract: Unger Excella™ vs. Traditional Floor Tools

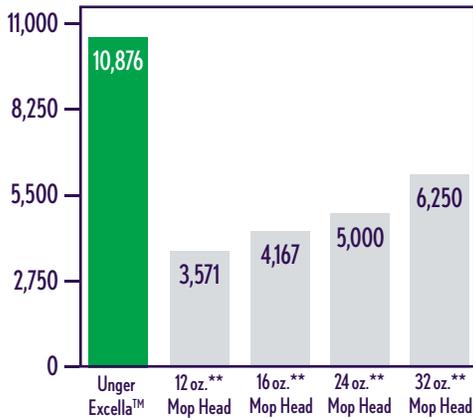
Speed of Floor Cleaning

Methodology: ManageMen Inc., author of over 600 published and peer reviewed studies, conducted an independent time study* in December 2017 of damp, wet and spot mopping as well as floor finishing with the Unger Excella™ and traditional floor cleaning methods. The study concluded that the Unger Excella™ floor cleaning system cleans floors in half the time of traditional string mops. The charts below reflect a summary of key results.

Damp Mopping Time Study

TOOL/PROCEDURE	SQ. FT.	MINUTES	SQ. FT./HOUR
Excella with Small Tank (.5L)	1,000	6.05	9,917
Excella with Large Tank (1L)	1,000	5.93	10,118
Excella with Backpack (5L)	1,000	4.57	13,129
Overall Average	1,000	5.52	10,876

This is the time for "wall-to-wall" mopping. Productivity variables for spot mopping speeds have not been applied.

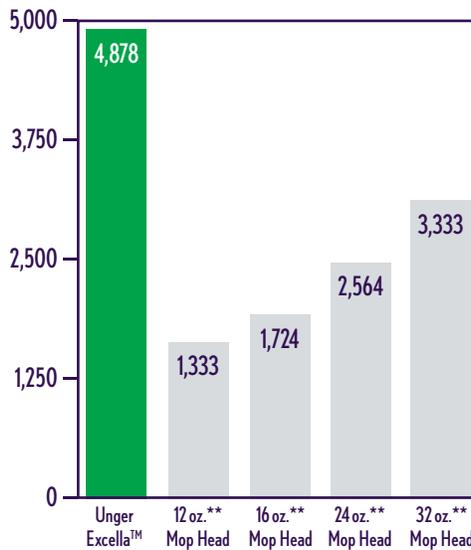


Square Feet per Hour

**Unger Excella™ v. traditional string mop head sizes

Wet Mopping Time Study

TOOL/PROCEDURE	SQ. FT.	MINUTES	SQ. FT./HOUR
Wet Mop & Rinse using Unger Excella™ Mop	1,000	12.3	4,878



Square Feet per Hour

**Unger Excella™ v. traditional string mop sizes

Coverage of Various Capacities

RESERVOIR SIZE	SQ. FT. PER GAL.
Unger Excella™ .5L (.132 gal.)	800
Unger Excella™ 1L (.264 gal.)	1300
Unger Excella™ Backpack 5L (1.32 gal.)	2200

This table illustrates coverage comparison for each size of reservoir. These coverages were determined by holding the reservoir valve open and mopping continuously until the reservoir was emptied. The coverage is notable because two of the reservoirs are under the 1 gallon of coverage benchmark. Therefore it can be concluded that the Unger Excella™ provides a much more efficient coverage with less wasted material.

Findings:

- Test results validate that the Unger Excella™ mop system performs, on average, two times faster than standard mop and bucket configurations available in the industry.
- Test results validate that the Unger Excella™ uses liquid/chemicals much more efficiently than traditional floor cleaning tools.

Conclusions:

- The Unger Excella™ is twice as fast as traditional floor tools due to:
 - It's unique shape and dual-rotating handles which reduce fatigue and increase mopping speeds.
 - The combination of real-time dispensing with the ability to be height adjusted for every user to allow optimal ergonomics - the only one on the market to have this feature.
 - The flexible liquid on board feature that allows the user to refill the tool and change chemicals on the fly without stopping and starting the job like traditional tools require.