

Technical Bulletin

Burnishing System Performance Study

Number: TB-FM-41

Date: July 1999

Contact: G.A. Gardner

3M Products:

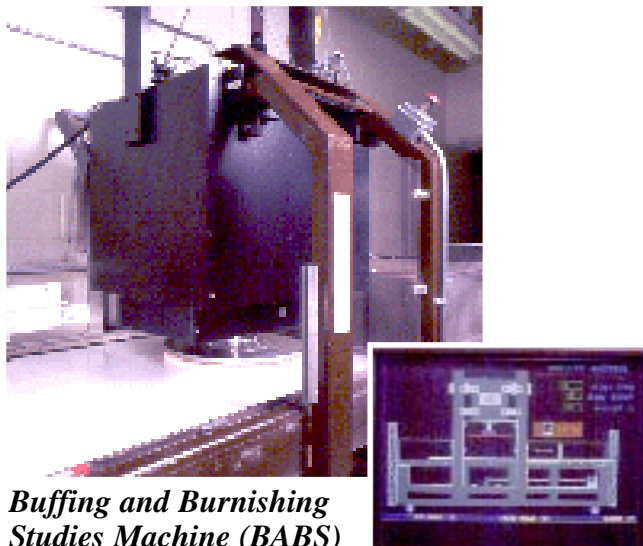
- 3M™ Spangle™ Floor Finish
- 3M™ Eraser™ Burnish Pad 3600

Objective:

Compare mark resistance and mark removal performance of 3M Burnishing System to floor finish and floor pad products from other manufacturers.

Test Procedures:

- Mark resistance of finishes is measured using a soiling capsule. This is an industry test method designed to measure the mark resistance of floor finishes on individual floor tiles (Modified CSMA Bulletin No. 9-73).
- Mark removal is determined using the Buffing and Burnishing Studies Machine (BABS). This machine is computer controlled and capable of duplicating the performance characteristics of the full range of commercially available buffing and burnishing equipment. Burnishing was done at 2000 rpm.



*Buffing and Burnishing
Studies Machine (BABS)*



Soiling Capsule

Burnishing System Performance Study Results

Mark Resistance of Floor Finish

**3M™
Spangle™
Floor
Finish**



Mark Removal

**3M™ Eraser™
Burnish Pad
3600
(2 passes)**



Other finish



*Other finish
with 3M™
Eraser™
Burnish Pad
3600
(4 passes)*



Other finish



*Other finish
with popular
“aggressive”
hair pad
(8 passes)*



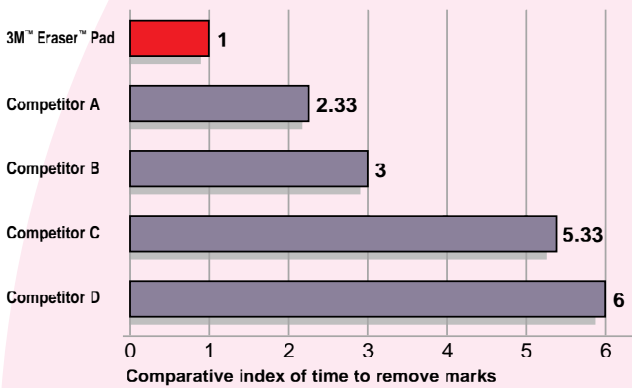
Conclusions

- Mark resistance of 3M™ Spangle™ Floor Finish is superior to other finish tested.
- The 3M™ Eraser™ Burnish Pad 3600 outperforms the hog hair pad in mark removal.
- The 3M Burnishing System delivers outstanding mark resistance with 3M Spangle floor finish and exceptional mark removal with the 3M Eraser Burnish Pad 3600.
- Excellent mark resistance and excellent mark removal equal added value.

The 3M Hard Floor Maintenance System produces the best results!

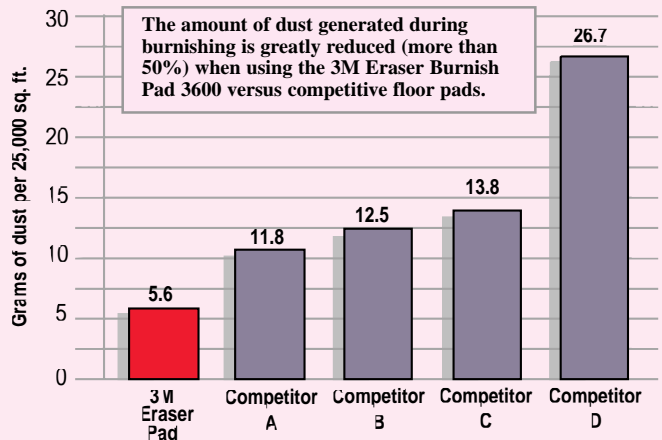
Additional information about 3M™ Eraser™ Burnish Pad 3600

Mark Removal Efficiency



The 3M Eraser Burnish Pad 3600 removes black marks up to 6 times faster than competitive floor pads, saving you time and labor.

Dust Generation Rate*



* Determined from laboratory testing



Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



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