

CASTinTACT®

Concrete Tactile Warning Panels

Abrasion Resistance Testing

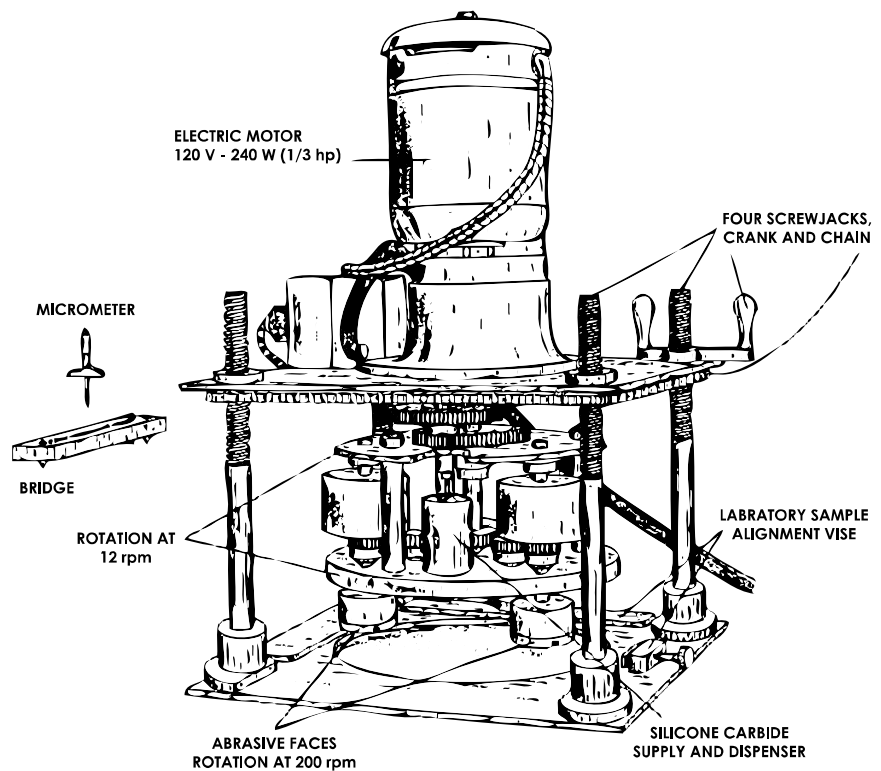
ASTM C 779/C 779M – 00 Test Method for Abrasion Resistance for Horizontal Concrete Surfaces

This test method covers procedures for determining the relative abrasion resistance of horizontal concrete surfaces.

The procedure is intended for use in determining variations in surface properties of concrete affected by mixture proportions, finishing, and surface treatment.

The test method provides simulated abrasion conditions, which can be used to evaluate the effects on abrasion resistance of concrete, concrete materials, and curing or finishing procedures. It may also be used for quality acceptance of products and surface exposed to wear.

It is not intended to provide a quantitative measurement of the length of service that may be expected from a specific surface.



Procedure A

The revolving-disk machine operates by sliding and scuffing of steel disks in conjunction with abrasive grit.

	30 minutes*	60 minutes*	
CASTinTACT®	-0.006	-0.015	+ 0.0%
Quartz Floor Hardener	-0.008	-0.016	+ 6.7%
Concrete w 15% Silica Fume	-0.012	-0.022	+ 46.7%
Reference Concrete (4,800 psi)	-0.016	-0.028	+ 86.7%

* Loss in inches