

# CASTinTACT®

## Concrete Tactile Warning Panels

### Static Coefficient of Friction

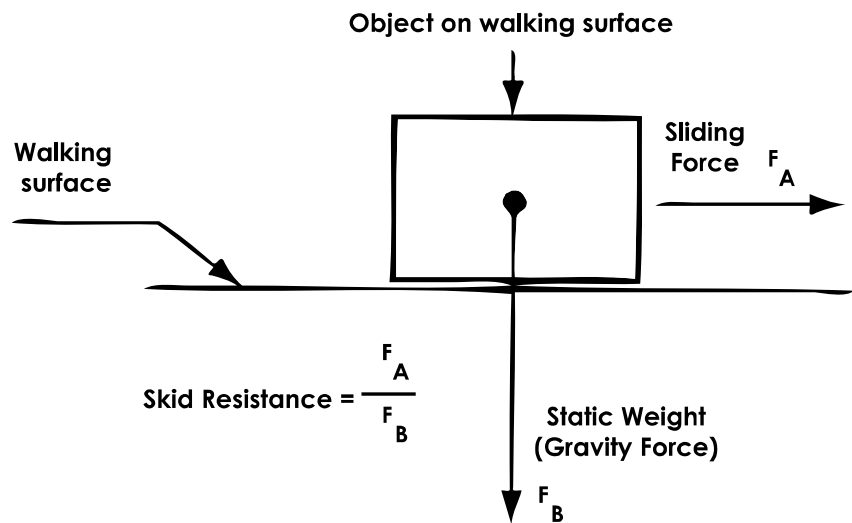
#### ASTM C 1028-96 Standard Test Method for Determining the Static Coefficient of Friction

This test method covers the measurement of static coefficient of friction of ceramic tile or other surfaces under both wet and dry conditions while utilizing Neolite heel assemblies. This test method can be used in the laboratory or in the field.

ADAAG states that slip resistance is based on the frictional force necessary to keep a shoe heel or crutch tip from slipping on a walking surface under conditions likely to be found on the surface.

**A4.5.1** Ground and floor surfaces along accessible routes in accessible rooms and spaces including floors, walks, ramps, stairs, and curb ramps shall be stable, firm, and slip resistant and shall comply with Appendix.

**4.5.** The Appendix recommends a minimum coefficient of friction for dry surfaces of 0.6 for accessible routes and 0.8 for ramps.



#### Static Coefficient of Friction Test

	Dry	Wet
Test	Static (lbs.)	Static (lbs.)
#1		
Average	46.25	41.50
C.O.F.	0.91	0.81
#2		
Average	47.75	41.50
C.O.F.	0.94	0.81
#3		
Average	45.75	41.25
C.O.F.	0.90	0.81
<b>Overall Average</b>	<b>46.58</b>	<b>41.42</b>
<b>Average C.O.F.</b>	<b>0.92</b>	<b>0.81</b>