

**Sotter Engineering Corporation, along with Safety Direct America and the
American Floor Safety Alliance (AFSA) – pendulum test recommendations**

Building or walkway type	Line no.	Location or function of area	Minimum wet PTV	
			Hard rubber slider	Soft rubber slider
External sidewalks and ramps	1	External ramps with slopes steeper than 1 in 14 (4.1 degrees)	55	45
	2	External ramps, slopes less than 1 in 14	45	40
	3	Level surfaces: external parking lots, external walkways, pedestrian crossings (including painted crosswalks and speedbumps), balconies, driveways, courtyards, decks	45	40
	4	Parking lots, covered	36	36
Hospitals and assisted-living facilities	5	Bathrooms and bathtubs/showers in hospitals and assisted-living facilities	36	36
	6	Wards and corridors in hospital and aged care facilities	25	20
Hotels, office buildings, public buildings, schools, kitchens; entries and access areas	7	Dry area (such as an office) – intended to be kept dry always	12	12
	8	Hotel bathrooms, tubs and showers	36	36
	9	Kitchens	45	40
	10	Restroom facilities in offices, bars and shopping centers	36	36
	11	Serving areas – bars, kitchens, buffet lines	36	36
	12	Freezers in kitchens	45	40
Loading docks	13	Indoor loading docks	55	45
Sports/concert stadiums	14	All areas besides stairs	36	36
Supermarkets and shopping centers	15	Dry areas in shopping centers (canned goods aisles, for instance)	12	12
	16	Fast food outlets, buffets, food courts and fast food dining areas in shopping centers	36	36
	17	Fresh fruit and vegetable areas in supermarkets	36	36
	18	Shop entry areas with external entrances	36	36
Swimming pools and sports facilities	19	Locker rooms	36	36
	20	Showers	36	36
	21	Swimming pool decks	45	40
	22	Swimming pool ramps and stairs leading to water	55	45
Stairs	23	Dry stairs and landings	36	36
	24	Wet stairs and landings	45	40

Table 1. Recommended minimum PTV from the AFSA FS101-25 pendulum slip resistance test standard.

The minimum values in this table are both more permissive (values below 36) and more conservative (values above 36) than the AFSA and UKSRG general recommendations discussed previously. The AFSA consider the standard summarized on this page to be the world’s most sophisticated. However, the choice between the two is left to the reader.