

Evaluation Table

PEP ID:	XXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

908 Detectable Warning Device

908 Surface Mounted Tactile Warning Surfaces (Metal)

ADOT Standard Specification: 908, also see DWD Guidelines

ADOT Standard Drawing: C-05.30 Sheet 7

Responsible Section: Roadway Group

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Dome Base Diameter, inches	DWD Guidelines C-05.30, Sheet 7	0.9 - 1.4		
Dome Top Diameter, %	DWD Guidelines C-05.30, Sheet 7	50 - 65% of base diameter		
Dome Height, inches	DWD Guidelines C-05.30, Sheet 7	0.2		
Dome Spacing, Center to Center, inches	DWD Guidelines C-05.30, Sheet 7	1.6 - 2.4		
Dome Spacing, Base to Base, inches	DWD Guidelines C-05.30, Sheet 7	0.65 minimum		
Installation Instructions	DWD Guidelines	Manufacturers shall provide detailed installation instructions.		
Fabrication	DWD Guidelines	Detectable warning strip components shall be pre-fabricated. There shall be no on-site fabrication of truncated domes.		
Skid Resistance	DWD Guidelines	Detectable warning strips shall be skid resistant.		
Flexibility	DWD Guidelines	Detectable warning strips shall be rigid, inflexible, and non-yielding.		
Flammability	DWD Guidelines	Detectable warning strips shall be non-flammable.		
Color Change ΔE on the panel when weathered for 2000 hours, maximum*	DWD Guidelines ASTM G155	5.0		
Exposure to Chemicals*	DWD Guidelines ASTM D543	No discoloration or staining		
Average Slip Resistance, minimum	DWD Guidelines ASTM C1028	Dry: 0.8		
		Wet: 0.6		
Exposure to salt spray for 200 hours*	DWD Guidelines ASTM B117	No change on the panel		

Material Property	Specification/ Test Method	Requirement	Results	Pass/ Fail
Abrasion resistance test, average volume loss, maximum, cm ³	DWD Guidelines FM 5-594	0.06		
Impact Strength, minimum, inch-lbs.	DWD Guidelines ASTM D5420	550		
Anchor Pullout Strength	DWD Guidelines ASTM E754 or ASTM E488 or ASTM E1512	Report Only		
Adhesion Bond Strength	DWD Guidelines ASTM C1583	Report Only		

*Test not required for uncoated cast iron panels.