



PRODUCT SPECIFICATION

Tactile Warning Surface Cast-in-Place Cast Iron Plates

View additional photos, drawings and specifications on our website: www.adatile.com.
Please call (800) 372-0519 with any questions.

DOME GEOMETRY *In accordance with ADA Regulations for Detectable Warning Surface Products on Curb Ramps (PROWAG):* Raised truncated domes with a diameter of nominal 0.9” (22.9mm), a height of nominal 0.2” (5.0mm), and a center-to-center spacing of 1.60”-2.40” (40.6mm-61.0mm) maximum.

TWS UNIT DIMENSIONS **Iron Dome® TWS Unit Sizes:**
12”x24” (304.8mm x 609.6mm) (4 Bolts)
24”x24” (609.6mm x 609.6mm) (6 Bolts)
24”x30” (609.6mm x 762.0mm) (8 Bolts)

MATERIAL **Grade:** Gray Iron Casting compliant with ASTM A-159 (G3000), ASTM A48-03, and AASHTO M105-09 (Grade 30B).
Iron Dome® Finish:
1. “Natural” Patina: Gary Blast Finish ages to “Patina” Finish
2. Coatings: Yellow, Black, Brick Red. Gray. Call ADA for details
Source: Iron Dome® is manufactured in the United States

INSTALLATION Factory Assembled Iron Dome® TWS Units are to be used on new curb ramps, hazardous vehicular ways, grade crossings, and other similar applications. The Iron Dome® TWS Units are pressed into place in freshly poured concrete. Iron Dome® TWS Units can be replaced in a matter of minutes

PHYSICAL CHARACTERISTICS:

Physical Properties	Complies (Grade G3000)	ASTM A 159
Physical Properties	Complies (Class 30B)	ASTM A 48
Physical Properties	Complies (Class 30B)	AASHTO M105
Slip Resistance	0.93 (Dry), 0.91 (Wet)	ASTM C 1028
Tensile Strength	34,700 psi	ASTM A 159