PRODUCT SPECIFICATION

IRON DOME® Radius 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® Radial TWS Unit Sizes:

Iron Dome® TWS Unit Thickness:
Parts measure 0.20” (5.1mm) thick with a 0.38” (9.7mm) deep perimeter flange.

Iron Dome® TWS Unit Hardware:
¼” x 1 ½” Inserts with ¼” x 1 ¼” Stainless Steel Truss Head 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

Designed for installation into fresh poured concrete curb ramps, handicap ramps, curb cuts, grade crossings, and other similar applications. Can accommodate installation conditions where R=6’ to 40’ using available combinations of Iron Dome® straight and radial plates.

PHYSICAL CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Physical Properties</th>
<th>Complies (Grade G3000)</th>
<th>ASTM A 159</th>
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</thead>
<tbody>
<tr>
<td>Physical Properties</td>
<td>Complies (Class 30B)</td>
<td>ASTM A 48</td>
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<tr>
<td>Physical Properties</td>
<td>Complies (Class 30B)</td>
<td>AASHTO M105</td>
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<tr>
<td>Slip Resistance</td>
<td>0.93 (Dry), 0.91 (Wet)</td>
<td>ASTM C 1028</td>
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<tr>
<td>Tensile Strength</td>
<td>34,700 psi</td>
<td>ASTM A 159</td>
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