

# CAST IRON PRODUCT SPECIFICATIONS



## Detectable Warning Systems

### Cast Iron Specifications:

**ASTM A 159 Standard Specification**

Cast Iron Castings Grey Class 30 B

**AASHTO M105 Standard Specification**

Cast Iron Castings Grey Class 30 B

**ASTM C 1028 Standard Test Method**

Coefficient of Friction 0.93 Dry 0.91 Wet

**ASTM D 5420 Standard Test Method for Impact Resistance**

Garner Impact - Striker Impact Falling 600 lbs

**FM 5-594 Florida Method Wear Resistance**

Detectable Warning Surfaces 0.00189 g/cm<sup>3</sup>

### Product Features

- ☐ **Lifetime Manufacturer Warranty**
- ☐ Comes in natural patina, sealed black or custom powder coating to order.
- ☐ 5 year warranty on powder coating
- ☐ Ships Nationwide
- ☐ Manufactured With Over 100 Years Of Combined Experience In Production, Sales, Installation And Maintenance
- ☐ Ease of Install
- ☐ USA Steel
- ☐ Advanced Roadway Manufacturing, Inc., certifies that EqualTile - Cast-Iron Detectable Warning Panels meet all FTC Regulations for a "Made in the USA" designation.

### Cast Iron Technical Data:

#### CHEMISTRY:

C.E.	C	Si	Mn	P	S	Ni	Mo	Cr	Cu
4.19	3.51	2.03	0.56	0.034	0.092	0.083	0.026	0.207	0.192
Al	Ti	Sn	Mg	V	Sb	Pb	Ce	Zn	
0.002	0.009	0.015	0.000	0.011	0.004	0.002	0.000	0.001	

#### MECHANICAL PROPERTIES:

RESULTS FROM...	TENSILE STRENGTH			BRINELL HARDNESS	
	DIA. (")	PSI	MPA	TEST CONDITIONS	HBW
ASTM A48 B-BAR	0.750	38,400	265	HBW 10/3000 12s	219
CASTING: BRINELL ONLY				HBW 10/3000 10s	241



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