

# WELDED RAILING SYSTEM SPECIFICATIONS



## 1. 1500-R (ROUND) Top Rail

Height: 2.323 inches/ 59.00 mm  
 Width: 2.240 inches/ 56.92 mm  
 Wall thickness: 0.065 inches/ 1.65 mm  
 Alloy & Temper: 6060-T51 or 6063-T5



## 1500-S (SQUARE) Top Rail

Height: 1.875 inches/ 47.63 mm  
 Width: 2.000 inches/ 50.80 mm  
 Wall thickness: 0.065 inches/ 1.65 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 2. 90 Deg. Corner Sleeve with Mount

Wall thickness: 0.064 inches/ 1.63 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 3. 90 Deg. Corner Post with Welded Bottom Sleeves and 3-1/2" x 3-1/2" Baseplate (Typical)

Wall thickness: 0.073 inches/ 2.03 mm  
 Alloy & Temper: 6063-T54 or 6005A-T61

## 4. 1/2" Picket Support Leg

Wall thickness: 0.125 inches/ 3.18 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 5. 1-5/8" Center Post with Welded Bottom Sleeves and 3-1/2" x 5-1/2" Baseplate (Typical)

Wall thickness: 0.080 inches/ 2.03 mm  
 Alloy & Temper: 6063-T54 or 6005A-T61

## 6. Straight Wall Mount for Bottom Rail

Wall thickness: 0.060 inches/ 1.52 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 7. 5/8" x 5/8" Picket

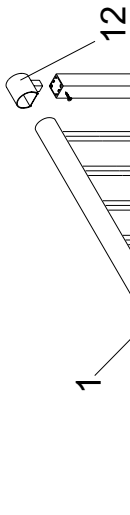
Wall thickness: 0.050 inches/ 1.27 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 8. Straight Wall Mount for Top Rail

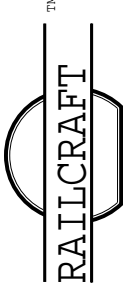
Wall thickness: 0.064 inches/ 1.63 mm  
 Alloy & Temper: 6060-T51 or 6063-T5

## 9. Center Sleeve with Mount

Wall thickness: 0.064 inches/ 1.63 mm  
 Alloy & Temper: 6060-T51 or 6063-T5



TGIC FACTORY APPLIED  
 THERMO SET POWDER  
 COATING



INNOVATIVE RAILING SYSTEMS

US PATENT: #5,200,240 US PATENT: #5,649,688 CDN. PATENT: #2,148,645  
 US DESIGN PATENT: #DES.335,353 US DESIGN PATENT: #DES.399,725

\* RAILCRAFT™ RAILING SYSTEMS MEET OR EXCEED  
 RIGID NORTH AMERICAN NATIONAL BUILDING CODES.  
 \* FULL ENGINEERING DATA AVAILABLE UPON REQUEST  
 \* CUSTOM ENGINEERED SYSTEMS AVAILABLE  
 \* 25 YEAR WARRANTY COVERING POWDER COATING  
 AND STRUCTURAL DEFECTS

## 13. Welded Bottom Rail Profile

Height: 0.547 inches/ 13.89mm  
 Width: 1.318 inches/ 33.32 mm  
 Wall thickness: Top 0.09 inches/ 2.21 mm  
 Side 0.05 inches/ 1.27 mm  
 Alloy & Temper: 6060-T54 or 6063-T5