

S10

LIBERTY



CCRR-0214 Complies with IRC



# SPECIFICATIONS

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HEAVY DUTY 2" POST  
IRC .093 Wall  
 $\frac{1}{2}"$  h x  $3\frac{7}{8}"$  sq. plate



STANDARD 2" POST  
.090 Wall  
 $\frac{3}{8}"$  h x  $3\frac{7}{8}"$  sq. plate

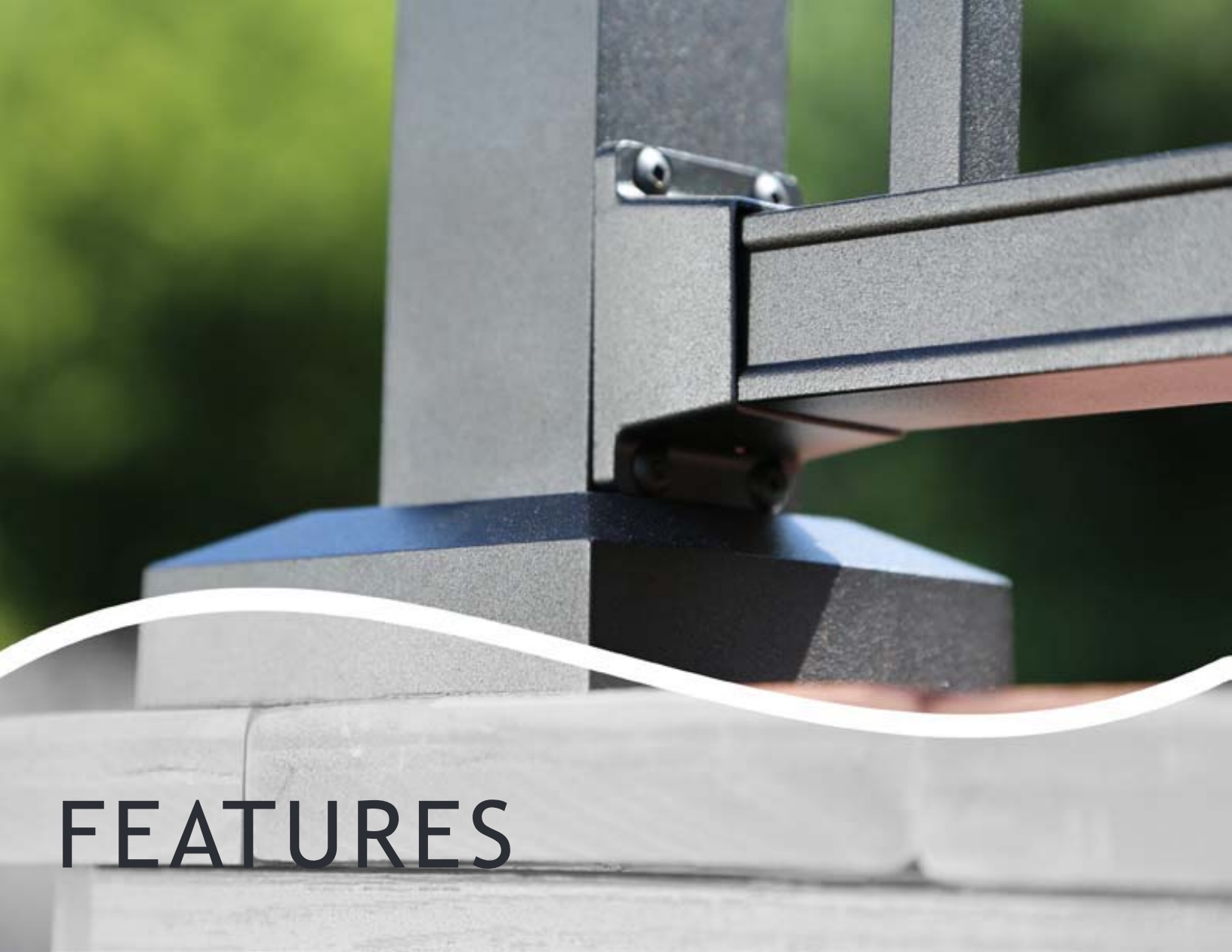


STYLISH TOP RAIL  
 $1\frac{3}{4}"$  w x  $1\frac{3}{8}"$  h



BOTTOM RAIL  
 $1\frac{3}{4}"$  w x  $1\frac{1}{4}"$  h





# FEATURES

# S10

# LIBERTY

### STANDARD MOUNTS



Top Rail

Bottom Rail

### 45° ANGLE MOUNTS



Top Rail Right

Top Rail Left

Bottom Rail  
Universal

### STAIR MOUNTS 32° - 36°



Top Rail Down

Top Rail Up

Bottom Rail  
Universal

### STAIR SWIVEL MOUNTS



Top Rail

Bottom Rail

### ANGLE SWIVEL MOUNTS



Top Rail

Bottom Rail

### DOUBLE SWIVEL MOUNTS



Top Rail

Bottom Rail

### ADDITIONAL PARTS AND ACCESSORIES



Ball Cap

Flat Cap

Two-Piece Flare

Bottom Rail  
Support





# POWDER COATING



1



Step 1) The raw premium-grade aluminum is inspected to be free of blemishes and is not exposed to the outdoor elements.

2



Step 2) The product enters a heated acidic cleaning stage to remove extrusion debris and fabrication oils.

3



Step 3) **CLEAN:** City water rinse  
 Step 4) **CLEANER:** Recycling reverse osmosis water rinse  
 Step 5) **CLEANTEST:** Pure reverse osmosis water rinse  
 Step 6) **SEALER:** Dried-in-place aluminum sealer

4

5

6

7



Step 7) A 200 MPH air blast removes water drops from the pre-treated aluminum.

8

Step 8) A convection oven completes the dry-off process.

9



Step 9) Powder is applied with 18 automated and 2 manual spray guns. Compressed process air is dried to -35°F Dew Point for superior adhesion.

10



Step 10) The powder coating is then bonded and adhered to the aluminum sub-straight in a 400 degree cure stage.



DSI is a PCI 4000 certified and verified AAMA 2604 and AAMA 2605 compliant powder coating applicator. The powder coating process is accredited by the American Architectural Manufacturing Association and the Powder Coating Institute. Our powder coating is custom blended from a Super Durable Polyester TGIC (Triglycidyl Isocyanurate) resin-base, using premium pigmentation to meet AAMA 2604 specifications. Our AAMA 2605 is a fluorocarbon polymer resin system.



The powder coating application booth produces zero VOC emissions. Powder is stored and applied in a climate controlled positive pressure environmental room. Ten pre-treat system titration checks twice per shift maintain system parameters and ten QC checks are completed every hour on product coming off the powder-coating line. Parts are not touched by human hands during the pre-treat, dry-off, application and cure process to maintain ultimate cleanliness of powder-coated parts.

# CHR

## Continuous Handrail

### ALUMINUM

ADA Compliant Railing System Includes:  
 1 3/8" Aluminum Rail (8', 10', 16')  
 1 3/8" Collar Ring (to cover splice)  
 Strong Internal Connector  
 Continuous 180° Handrail Return  
 Tapered 1-piece Wall Return  
 Beveled Internal End Cap  
 Verified AAMA 2604 Compliant Powder Coating  
 Available in all the S10 standard colors  
 Limited Lifetime Warranty  
 Virtually Maintenance Free



- 1 3/8" Handrail  
 (Aluminum)
- Internal  
 Connector
- 1 3/8" Collar Rings  
 (to cover splice)
- Handrail  
 (180° Elbow)
- Wall Return
- Handrail Elbows  
 (5°, 31°, 34° and 36°)
- Handrail Elbow  
 (90° Elbow)
- Inside Corner  
 Mount
- Internal End  
 Cap
- Wall Mount
- Extended  
 Wall Mount

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