

ACTUAL FREIGHT CHARGES APPLY TO ALL SOLUTIONSTM RAIL ORDERS

1-1/2" SolutionsTM Aluminum Secondary Handrail - ADA Compliant



- Meets IRC, IBC Requirements
- Low Maintenance
- Clean Seams and Joints
- Sturdy and Rigid
- **ADA Handicap Compliant**
1-1/2" meets ADA standards I/A/W
DOJ289 CFR Part 36 Section 4
- Commercial Quality Railing



Available in:

- Black
- Bronze
- White

8' Straight Handrail

Sold in any quantity.

1-1/2" x 8' Graspable handrail meets IRC, IBC requirements for secondary handrail system.

- Item # 301000 - Black
- Item # 301004 - Bronze
- Item # 301002 - White



Available in:

- Black
- Bronze
- White

Handrail Connector Splice

Sold in any quantity.

Splices handrail components together for a rigid, sturdy connection.

- Item # 301030 - Black
- Item # 301034 - Bronze
- Item # 301032 - White



Available in:

- Black
- Bronze
- White

Wall Plate Bracket

Sold in any quantity.

Bracket is made to connect handrail to any flat surface where rail starts or ends at a vertical face. For use with level installations only.

- Item # 301120 - Black
- Item # 301124 - Bronze
- Item # 301122 - White



ACTUAL FREIGHT CHARGES APPLY TO ALL SOLUTIONSTM RAIL ORDERS



Available in:

- Black
- Bronze
- White

1-7/8" Quick Return Kit

Sold in any quantity.

Connects handrail to 1-7/8" post. Adjustable to any angle.

- Item # 301096 - Black
- Item # 301100 - Bronze
- Item # 301098 - White



3-1/2" Quick Return Kit

Sold in any quantity.

Connects handrail to 3-1/2" post. Adjustable to any angle.

- Item # 301102 - Black
- Item # 301106 - Bronze
- Item # 301104 - White



Universal Quick Return Kit / Wall Mount

Sold in any quantity.

Connects handrail to any flat surface 3" or wider. Adjustable to any angle.

- Item # 301108 - Black
- Item # 301112 - Bronze
- Item # 301110 - White



Available in:

- Black
- Bronze
- White

1-7/8" Mid-Rail Bracket Kit

Sold in any quantity.

Mounts to 1-7/8" post to provide support to rail. Adjustable to any angle.

- Item # 301012 - Black
- Item # 301016 - Bronze
- Item # 301014 - White



3-1/2" Mid-Rail Bracket Kit

Sold in any quantity.

Mounts to 3-1/2" post to provide support to rail. Adjustable to any angle.

- Item # 301018 - Black
- Item # 301022 - Bronze
- Item # 301020 - White



Universal Mid-Rail Bracket Kit / Wall Mount

Sold in any quantity.

Mounts to any flat surface 3" or wider to provide support to rail. Adjustable to any angle.

- Item # 301090 - Black
- Item # 301094 - Bronze
- Item # 301092 - White

ACTUAL FREIGHT CHARGES APPLY TO ALL SOLUTIONS™ RAIL ORDERS



Available in:

- Black
- Bronze
- White

5 Degree Angle Rail

Sold in any quantity.

Transitions handrail from a level run to a 5 degree ramp application. Requires rail connector splice at each end. (Sold Separately)

Item # 301048 - Black
Item # 301052 - Bronze
Item # 301050 - White



Available in:

- Black
- Bronze
- White

32 Degree Angle Rail

Sold in any quantity.

Transitions handrail from a level run to a 32 degree stair run. Requires rail connector splice at each end. (Sold Separately)

Item # 301054 - Black
Item # 301058 - Bronze
Item # 301056 - White



Available in:

- Black
- Bronze
- White

38 Degree Angle Rail

Sold in any quantity.

Transitions handrail from a level run to a 38 degree stair run. Requires rail connector splice at each end. (Sold Separately)

Item # 301060 - Black
Item # 301064 - Bronze
Item # 301062 - White



Available in:

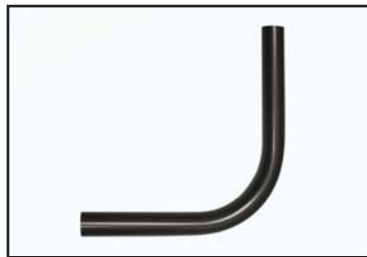
- Black
- Bronze
- White

90 Degree Elbow

Sold in any quantity.

Joins 1-1/2" rail for outside corner connection.

Item # 301084 - Black
Item # 301088 - Bronze
Item # 301086 - White



Available in:

- Black
- Bronze
- White

90 Degree Angle Rail

Sold in any quantity.

Large 90 Degree corner. Requires rail connector splice at each end. (Sold Separately)

Item # 301066 - Black
Item # 301070 - Bronze
Item # 301068 - White



NEW

Available in:

- Black
- Bronze
- White

6" Inside Corner Mounting Bracket

Sold in any quantity.

For secondary handrail 90 degree inside corner turns.

Item # 301006 - Black
Item # 301010 - Bronze
Item # 301008 - White

ACTUAL FREIGHT CHARGES APPLY TO ALL SOLUTIONSTM RAIL ORDERS



Available in:

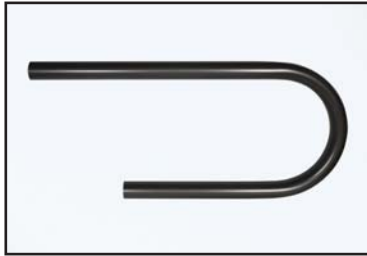
- Black
- Bronze
- White

Universal Angle Rail Connector

Sold in any quantity.

Universal connector for two sections of hand rail at non-typical angles. Cut rails to proper angle and insert universal connector. Includes two splices and color match screws.

- Item # 301036 - Black
- Item # 301040 - Bronze
- Item # 301038 - White



Available in:

- Black
- Bronze
- White

P-Loop Return Angle

Sold in any quantity.

ADA compliant for Handicap rail system regulations. Mounts to end post of ramps / stairs. Requires additional rail connector splice, mid-rail bracket, and quick return bracket for proper installation.

- Item # 301024 - Black
- Item # 301028 - Bronze
- Item # 301026 - White



Available in:

- Black
- Bronze
- White

End Cap

Sold in any quantity.

For capping 1-1/2" aluminum rail ends.

- Item # 301072 - Black
- Item # 301076 - Bronze
- Item # 301074 - White



Available in:

- Black
- Bronze
- White

Spacer Tube

Sold in any quantity.

Extends the length of any bracket from the post an additional 2 3/4". Requires longer 3/8" bolt.

- Item # 301042 - Black
- Item # 301046 - Bronze
- Item # 301044 - White



Available in:

- Black
- Bronze
- White

Solutions Touch-Up Paint

Sold in any quantity.

Available in two convenient sizes.

4.5oz Aerosol Spray

- Item #: 300730 - Black
- Item #: 300732 - Bronze
- Item #: 300731 - White

Brush in Cap Bottle

- Item #: 300733 - Black
- Item #: 300735 - Bronze
- Item #: 300734 - White



Available in:

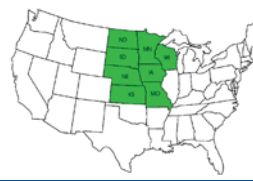
- Black
- Bronze
- White

Solutions Screw Packs

10 / pack

#8 x 3/4" Self drilling, square drive screw for SolutionsTM aluminum rail system.

- Item #: 302312 - Black
- Item #: 302311 - Bronze
- Item #: 302310 - White



ACTUAL FREIGHT CHARGES APPLY TO ALL FORTRESSTM RAIL ORDERS

1-1/2" Al¹³ Round Aluminum Handrail



NEW PRODUCT



Available in:
Black Sand

8' - Al¹³ Aluminum Round Handrail

Sold in any quantity.

1-1/2 x 8' round graspable handrail meets IRC requirements for secondary handrail system.

Item # 50500938 - Black Sand (Textured)



Available in:
Black Sand
White
Gloss Black

Al¹³ Aluminum Round Handrail Bracket

2/Pack

Attaches 1-1/2" round handrail to post or wall includes color matched hardware.

Item # 50500018 - Black Sand (Textured)

Item # 50500011 - White

Item # 50500010 - Gloss Black



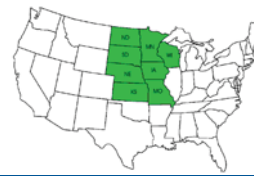
Available in:
Black Sand

Al¹³ Aluminum Round Handrail Splice

Sold in any quantity.

Splice joins 1-1/2" round handrail sections. Middle trim ring conceals splice. No hardware required, use 2 part epoxy kit on next page for installation.

Item # 50500048 - Black Sand (Textured)



ACTUAL FREIGHT CHARGES APPLY TO ALL FORTRESSTM RAIL ORDERS



Available in:
[Color swatch]
Black Sand

AI¹³ Aluminum Round Handrail Angle Adjuster

Sold in any quantity.

Angle adjuster may be used to adjust to appropriate stair angle. No hardware required, use 2 part epoxy kit for installation.

Item # 50501038 - Black Sand (Textured)



Available in:
[Color swatch]
Black Sand

AI¹³ Aluminum Round Handrail Return

Sold in any quantity.

90 Degree corner used to transition around post, must use handrail splice to attach to handrail. No hardware required, use 2 part epoxy kit for installation.

Item # 50500028 - Black Sand (Textured)



Available in:
[Color swatch]
Black Sand

AI¹³ Aluminum Round Handrail End Loop

Sold in any quantity.

180 Degree handrail end loop is used to extend beyond post and return back to post. Handrail splice, end cap, and 2 brackets are required to complete installation. No hardware required, use 2 part epoxy kit for installation.

Item # 50501028 - Black Sand (Textured)



Available in:
[Color swatch]
Black Sand

AI¹³ Aluminum Round Handrail End Cap

2/Pack

Finishes end of handrail, use 2 part epoxy kit for installation.

Item # 50500038 - Black Sand (Textured)



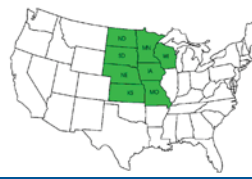
Available in:
[Color swatch]
Black Sand

AI¹³ Handrail Adhesive

Sold in any quantity.

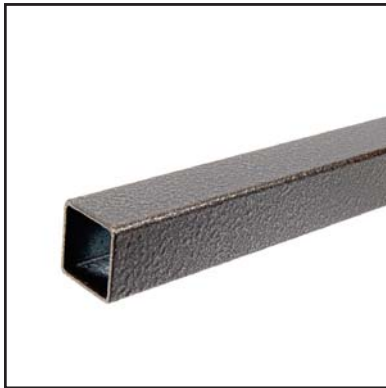
250ml - 2 part epoxy with mixer tip and extension tube. Additional mixer tips sold separately.


Item # 660972 - Pro Poxy Kit
Item # 660973 - Replacement mixer/extension



ACTUAL FREIGHT CHARGES APPLY TO ALL FORTRESSTM RAIL ORDERS

1-1/4" Fe²⁶ Square Iron Handrail



Available in:

Ant. Bronze


8' - Square Handrail

Sold in any quantity.

Square handrail 1-1/4" x 8' suitable for stair and ramp handrail applications.

Item # 53500936 - Antique Bronze



Available in:

Ant. Bronze


Square Handrail Bracket

Sold in any quantity.

Bracket is used to easily install square handrail system to post.

Item # 53500536 - Antique Bronze



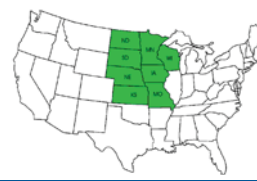
Available in:

Ant. Bronze

Square Handrail Splice

Sold in any quantity.


Splice easily connects two handrails together.

Item # 53500736 - Antique Bronze



ACTUAL FREIGHT CHARGES APPLY TO ALL FORTRESS[™] RAIL ORDERS



Available in:

Ant. Bronze

Square Handrail Return

Sold in any quantity.

Creates a 180 degree return to meet code.

Item # 53500836 - Antique Bronze



Available in:

Black

Square Handrail Nylon Cap

Sold in any quantity.

1-1/4" X 1-1/4" Cap is used to cap square handrail component ends.

Item # 650447 - Nylon Cap

