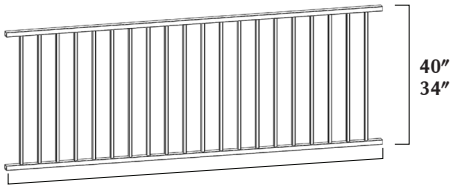
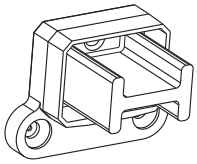
Fortress Al[13] Aluminum Railing Check List

Step 1: Select your Panel / Brackets / Panel Accessories

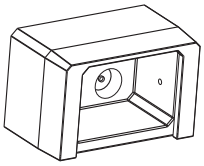


69″ or 93″ (6′ or 8′)

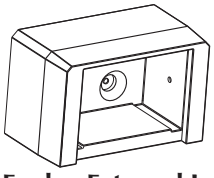
Al[13] Traditional Panels (1-1/8" x 1-5/8" rail, 3/4" picket)					
Qty.	**Item #**	**Description**	**Qty.**	**Item #**	**Description**
	51134930	Al13-TRADITIONAL 34" X 8' GBLK		51134690	Al13-TRADITIONAL 34" X 6' GBLK
	51134931	Al13-TRADITIONAL 34" X 8' WHT		51134691	Al13-TRADITIONAL 34" X 6' WHT
	51134938	Al13-TRADITIONAL 34" X 8' BKSND		51134698	Al13-TRADITIONAL 34" X 6' BKSND
	51140930	Al13-TRADITIONAL 40" X 8' GBLK		51140690	Al13-TRADITIONAL 40" X 6' GBLK
	51140931	Al13-TRADITIONAL 40" X 8' WHT		51140691	Al13-TRADITIONAL 40" X 6' WHT
	51140938	Al13-TRADITIONAL 40" X 8' BKSND		51140698	Al13-TRADITIONAL 40" X 6' BKSND



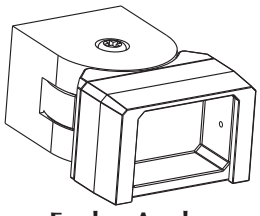
Evolve Internal
Straight



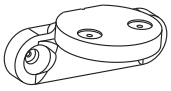
Evolve External
Straight



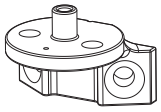
Evolve External Large
Straight (Accent Top Panel)



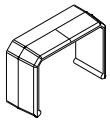
Evolve Angle
Miter



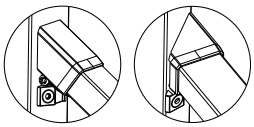
Evolve P2
Straight/Miter



Phantom Bracket
Straight & Miter



Rail Joint Cover
Straight



Rail Joint Cover
Stair & Miter

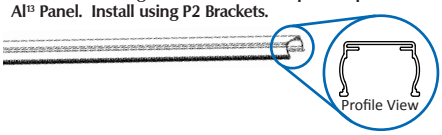
Use optional Rail Joint Covers with Evolve P2 Bracket and Phantom Bracket to conceal rail ends

Al[13] Brackets & Rail Joint Covers					
Qty.	**Item #**	**Description**	**Qty.**	**Item #**	**Description**
	51500110	Al13-EVOLVE INTERNAL BRKT GBLK (BAG 4)		51500610	Al13-EVOLVE P2 BRKT GBLK (BAG 4)
	51500111	Al13-EVOLVE INTERNAL BRKT WHT (BAG 4)		51500611	Al13-EVOLVE P2 BRKT WHT (BAG 4)
	51500118	Al13-EVOLVE INTERNAL BRKT BKSND (BAG 4)		51500618	Al13-EVOLVE P2 BRKT BKSND (BAG 4)
	51500210	Al13-EVOLVE EXTERNAL BRKT GBLK (BAG 4)		51500010	Al13-PHANTOM BRACKET GBLK (BAG 4)
	51500211	Al13-EVOLVE EXTERNAL BRKT WHT (BAG 4)		51500011	Al13-PHANTOM BRACKET WHT (BAG 4)
	51500218	Al13-EVOLVE EXTERNAL BRKT BKSND (BAG 4)		51500018	Al13-PHANTOM BRACKET BKSND (BAG 4)
	51500510	Al13-EVOLVE EXTERNAL BRKT LG GBLK (BAG 4)		51501000	Al13-RAIL JOINT COVER GBLK (BAG 4)
	51500511	Al13-EVOLVE EXTERNAL BRKT LG WHT (BAG 4)		51501001	Al13-RAIL JOINT COVER WHT (BAG 4)
	51500518	Al13-EVOLVE EXTERNAL BRKT LG BKSND (BAG 4)		51501008	Al13-RAIL JOINT COVER BKSND (BAG 4)
	51500410	Al13-EVOLVE ANGLE BRKT GBLK (BAG 4)		51502020	Al13-RAIL JOINT COVER STR/ANG GBLK (BAG 4)
	51500411	Al13-EVOLVE ANGLE BRKT WHT (BAG 4)		51502021	Al13-RAIL JOINT COVER STR/ANG WHT (BAG 4)
	51500418	Al13-EVOLVE ANGLE BRKT BKSND (BAG 4)		51502028	Al13-RAIL JOINT COVER STR/ANG BKSND (BAG 4)

Fortress Al[13] Aluminum Railing Check List

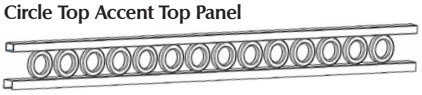
Colonial Flat Accent Top Rail

The Colonial Accent Top Rail is a subtle way to bring an architectural design element to dress up the top rail of the Al[13] Panel. Install using P2 Brackets.

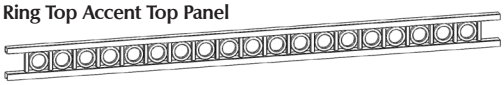


Accent Top Panels are a fantastic way to accessorize the Al[13] Panel. Choose from the Ring Top, Circle Top or 3 Rail Accent Top Panel for a customized look. Install using Evolve External Large Brackets or Evolve P2 Brackets.

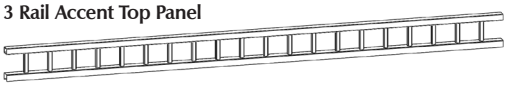
Circle Top Accent Top Panel

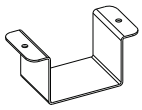


Ring Top Accent Top Panel

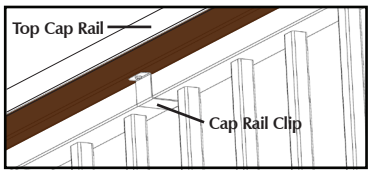


3 Rail Accent Top Panel





Cap Rail Clip



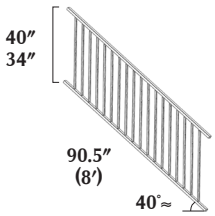
Support Block

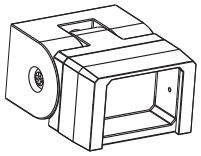
Touch Up Paint

Touch Up Paint Pen

Al[13] Panel Accessories					
Qty.	**Item #**	**Description**	**Qty.**	**Item #**	**Description**
	51400930	Al13-ATR COLONIAL FLAT-8' GBLK		51402930	Al13-ATP 3 RAIL-8' GBLK
	51400931	Al13-ATR COLONIAL FLAT-8' WHT		51402931	Al13-ATP 3 RAIL-8' WHT
	51400938	Al13-ATR COLONIAL FLAT-8' BKSND		51402938	Al13-ATP 3 RAIL-8' BKSND
	51403930	Al13-ATP CIRCLE TOP-8' GBLK		51500070	Al13-CAP RAIL CLIP GBLK (BAG 4)
	51403931	Al13-ATP CIRCLE TOP-8' WHT		51500071	Al13-CAP RAIL CLIP WHT (BAG 4)
	51403938	Al13-ATP CIRCLE TOP-8' BKSND		51500078	Al13-CAP RAIL CLIP BKSND (BAG 4)
	51401930	Al13-ATP RING TOP-8' GBLK		51500050	Al13-SUPPORT BLOCK 3.5" GBLK
	51401931	Al13-ATP RING TOP-8' WHT		51500051	Al13-SUPPORT BLOCK 3.5" WHT
	51401938	Al13-ATP RING TOP-8' BKSND		51500058	Al13-SUPPORT BLOCK 3.5" BKSND
Al[13] Touch Up Paint					
	660370	GBLK AEROSOL TOUCH UP PAINT 6OZ		660360	GBLK TOUCH UP PAINT PEN
	660371	WHT AEROSOL TOUCH UP PAINT 6OZ		660361	WHT TOUCH UP PAINT PEN
	660378	BKSND AEROSOL TOUCH UP PAINT 6OZ		660368	BKSND TOUCH UP PAINT PEN

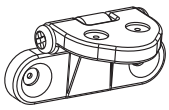
Step 2: Do you have stairs?



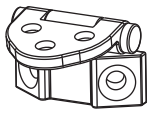


Evolve Stair
Stair

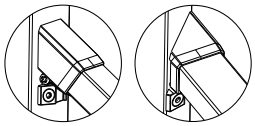
Use optional Rail Joint Covers with Evolve P2 Bracket or Phantom Bracket to conceal rail ends



Evolve P2 Stair
Stair

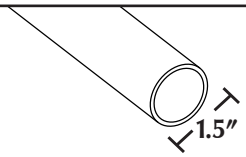


Phantom Bracket
Stair

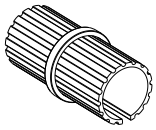


Rail Joint Cover
Stair & Miter

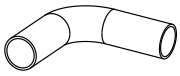
Al[13] Traditional Adjustable Panels (1-1/8" x 1-5/8" rail, 3/4" picket)					
Qty.	**Item #**	**Description**	**Qty.**	**Item #**	**Description**
	51234720	Al13-TRADITIONAL (ADJ) 34" X 8' GBLK		51240930	Al13-TRADITIONAL (ADJ) 40" X 8' GBLK
	51234721	Al13-TRADITIONAL (ADJ) 34" X 8' WHT		51240931	Al13-TRADITIONAL (ADJ) 40" X 8' WHT
	51234728	Al13-TRADITIONAL (ADJ) 34" X 8' BKSND		51240938	Al13-TRADITIONAL (ADJ) 40" X 8' BKSND
Al[13] Stair Brackets & Rail Joint Covers					
	51500310	Al13-EVOLVE STAIR BRKT GBLK (BAG 4)		51500020	Al13-PHANTOM BRACKET (STAIR) GBLK (BAG 4)
	51500311	Al13-EVOLVE STAIR BRKT WHT (BAG 4)		51500021	Al13-PHANTOM BRACKET (STAIR) WHT (BAG 4)
	51500318	Al13-EVOLVE STAIR BRKT BKSND (BAG 4)		51500028	Al13-PHANTOM BRACKET (STAIR) BKSND (BAG 4)
	51500710	Al13-EVOLVE P2 STAIR BRKT GBLK (BAG 4)		51502020	Al13-RAIL JOINT COVER STR/ANG GBLK (BAG 4)
	51500711	Al13-EVOLVE P2 STAIR BRKT WHT (BAG 4)		51502021	Al13-RAIL JOINT COVER STR/ANG WHT (BAG 4)
	51500718	Al13-EVOLVE P2 STAIR BRKT BKSND (BAG 4)		51502028	Al13-RAIL JOINT COVER STR/ANG BKSND (BAG 4)



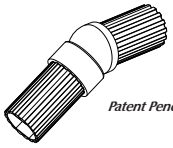
Round Hand Rail



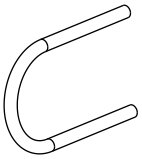
Round Hand Rail Splice



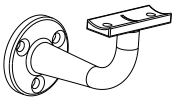
Round Hand Rail Return 90°



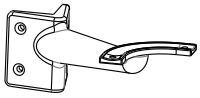
Round Hand Rail
Angle Adjuster



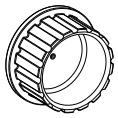
Round Hand Rail
End Loop 180°



Round Hand Rail Bracket



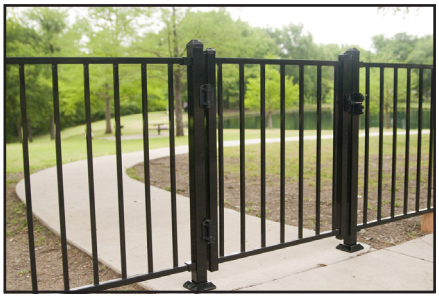
Round Hand Rail
Inside Corner Bracket

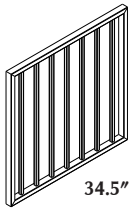


Round Hand Rail Cap Plug

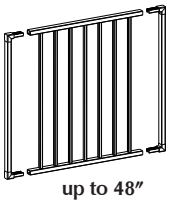
Round Hand Rail System					
Qty.	Item #	Description	Qty.	Item #	Description
	50500010	ROUND HANDRAIL BRACKET GBLK (BAG 2)		50501020	ROUND HANDRAIL END LOOP 180 DEG GBLK
	50500011	ROUND HANDRAIL BRACKET WHT (BAG 2)		50501021	ROUND HANDRAIL END LOOP 180 DEG WHT
	50500018	ROUND HANDRAIL BRACKET BKSND (BAG 2)		50501028	ROUND HANDRAIL END LOOP 180 DEG BKSND
	50500110	ROUND HANDRAIL INSIDE CNR BRKT GBLK		50500020	ROUND HANDRAIL RETURN 90 DEG GBLK
	50500111	ROUND HANDRAIL INSIDE CNR BRKT WHT		50500021	ROUND HANDRAIL RETURN 90 DEG WHT
	50500118	ROUND HANDRAIL INSIDE CNR BRKT BKSND		50500028	ROUND HANDRAIL RETURN 90 DEG BKSND
	50500030	ROUND HANDRAIL CAP PLUG GBLK (BAG 2)		50500930	ROUND HANDRAIL - 8" GBLK
	50500031	ROUND HANDRAIL CAP PLUG WHT (BAG 2)		50500931	ROUND HANDRAIL - 8" WHT
	50500038	ROUND HANDRAIL CAP PLUG BKSND (BAG 2)		50500938	ROUND HANDRAIL - 8" BKSND
	50501030	ROUND HANDRAIL ANG ADJUSTER GBLK		50500040	ROUND HANDRAIL SPLICE GBLK
	50501031	ROUND HANDRAIL ANG ADJUSTER WHT		50500041	ROUND HANDRAIL SPLICE WHT
	50501038	ROUND HANDRAIL ANG ADJUSTER BKSND		50500048	ROUND HANDRAIL SPLICE BKSND

Step 3: Do you need a gate?





40″
34″



*when installing gates with Residential Gate Kit, allow for 36″ opening

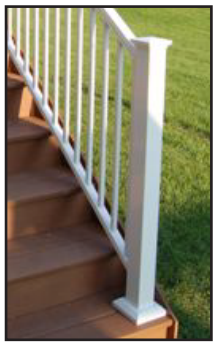
RES Tru-Close (x2)

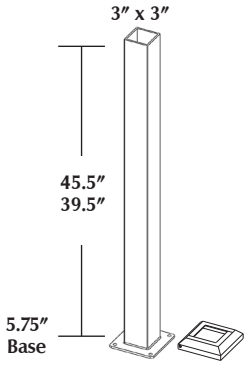
Lock & Latch

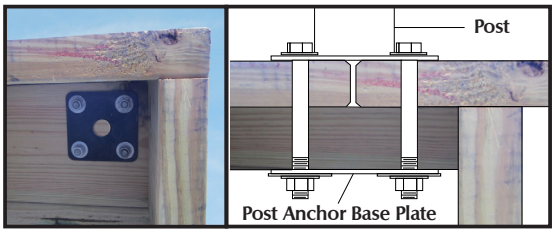
Gate Kit #2 (includes a pair of RES Tru-Close hinges, Lock & Latch, & fasteners)

AL13 Gate & Gate Uprights (1-1/8" x 1-5/8" frame, 3/4" picket)					
Qty.	Item #	Description	Qty.	Item #	Description
	51134350	AL13-GATE 34"X34.5" GBLK		51534050	AL13-GATE UPRIGHTS 34" GBLK (2PCS)
	51134351	AL13-GATE 34"X34.5" WHT		51534051	AL13-GATE UPRIGHTS 34" WHT (2PCS)
	51134358	AL13-GATE 34"X34.5" BKSND		51534058	AL13-GATE UPRIGHTS 34" BKSND (2PCS)
	51140350	AL13-GATE 40"X34.5" GBLK		51540050	AL13-GATE UPRIGHTS 40" GBLK (2PCS)
	51140351	AL13-GATE 40"X34.5" WHT		51540051	AL13-GATE UPRIGHTS 40" WHT (2PCS)
	51140358	AL13-GATE 40"X34.5" BKSND		51540058	AL13-GATE UPRIGHTS 40" BKSND (2PCS)
				650084	GATE KIT #2 (LATCH, HINGES, FASTENERS)

Step 4: Select your Posts & Post Accessories

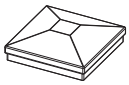




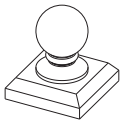


5.75″ Post Anchor Base Plate Reinforces the installation of a Fortress Al[13] 3″ Aluminum Post when installed onto a wood or composite deck surface/balcony

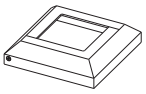
Al[13] Posts					
Qty.	Item #	Description	Qty.	Item #	Description
	51339010	Al13-3”X39.5” POST W/5.75” BASE/COVER GBLK		51345010	Al13-3”X45.5” POST W/5.75” BASE/COVER GBLK
	51339011	Al13-3”X39.5” POST W/5.75” BASE/COVER WHT		51345011	Al13-3”X45.5” POST W/5.75” BASE/COVER WHT
	51339018	Al13-3”X39.5” POST W/5.75” BASE/COVER BKSND		51345018	Al13-3”X45.5” POST W/5.75” BASE/COVER BKSND
Al[13] Post Anchor Base Plate					
	51505050	AL13-POST ANCHOR BASE PLATE 5.75”			



Flat Pyramid Cap



Ball Cap



Base Cover 5.75″

Al[13] Post Accessories					
Qty.	Item #	Description	Qty.	Item #	Description
	51500040	Al13-3” FLAT PYRAMID CAP GBLK		51500068	Al13-3” BALL CAP BKSND
	51500041	Al13-3” FLAT PYRAMID CAP WHT		51500030	Al13-5.75” POST BASE COVER GBLK
	51500048	Al13-3” FLAT PYRAMID CAP BKSND		51500031	Al13-5.75” POST BASE COVER WHT
	51500060	Al13-3” BALL CAP GBLK		51500038	Al13-5.75” POST BASE COVER BKSND
	51500061	Al13-3” BALL CAP WHT			