Evolutions Rail[™] Contemporary Style Installation Guide





TimberTech Code Listings

Once a product is tested by an independent lab, an application and report is submitted to one of several agencies that provide listings for building products that meet the requirements of Acceptance Criteria 174 (AC 174) as set forth by the International Code Council Evaluation Service (ICC-ES). TimberTech currently has listings from the ICC-ES and Architectural Testing Inc. The following TimberTech reports on code compliance are available to download on www.timbertech.com.

For the most up-to-date code listings visit

www.timbertech.com/installation.

ATI Architectural Testing, Inc. CCRR-0196 • Evolutions Rail



- Please read all instructions completely before starting any part of the installation.
- TimberTech Rail should be installed using the same good building principles used to install wood or composite railing and in accordance with the local building codes and the installation guidelines included below. TimberTech accepts no liability or responsibility for the improper installation of this product.
- TimberTech Rail may not be suitable for every application and it is the sole responsibility of the installer to be sure that TimberTech Rail is fit for the intended use. Since all installations are unique, it is also the installer's responsibility to determine specific requirements in regards to each Rail application.
- TimberTech recommends that all applications be reviewed by a licensed architect, engineer or local building official before installation. If you have any questions or need further assistance, please call TimberTech Customer Service at 1.800.307.7780 or visit our website at www. timbertech.com.
- TimberTech Railing is tested as a whole system and should be used that way. It is not intended to be used in conjunction with other railing systems or fasteners.
- The following Installation Guidelines are applicable for installation of TimberTech Evolutions Rail Contemporary Style railing.
- IMPORTANT: Make sure the DRIVE TOOL/DRILL is configured or set to use the SCREW setting when driving and/or tightening all FASTENERS.
- SAFETY: Always wear goggles when handling, cutting, drilling and fastening materials.
- Failure to install this product in accordance with applicable building codes and TimberTech's written Rail Install Guide may lead to personal injury, affect rail system performance and void the product warranty.

Timbertech Less Work. More Life.

Visit www.timbertech.com/installation to view TimberTech installation videos. Consult your local building codes for guard and handrail requirements.

Evolutions Rail[™] Contemporary Rail Packs are available in 6' or 8' lengths.

Measuring Your Railing Area

- Measurements are from center to center of the posts. Rails are produced to 6' and 8' to allow for finished end cuts and angles.
- Determine how many 6' or 8' Evolutions Rail sections you need and check to be sure you have all the components (and quantities) listed in the chart and shown to the right.

Important Information

- Contemporary Style 6' and 8' rail packs are designed not to exceed 6' and 8' center of post to center of post, respectively.
 - Cut slowly, using a fine tooth saw blade to avoid chipping.
 - For 42" railing, use 8' Post Sleeves.
 - Use 31" and 37" Aluminum Balusters for 36" and 42" railing heights

Component Dimensions



Components Needed For Installing Contemporary Style Rail Section			
Hardware included in Hardware Kits:	Hardware Mounting Kit 4 - Hinge Brackets 11- #10 x 2" Screws 8 - #10 x 7/8" Screws 4 - #10 x 1.5" Screws T25 Torx Driver Bit		
Components available in Mix-and-Match Rail Systems	Contemporary Rail Pack	2 - Universal Rails Hardware Kit 8 - Top Rail Screws Foot Blocks - 2 in 6' Packs - 3 in 8' Packs	
	Baluster Packs	Composite Baluster - 13 in 6' kits - 18 in 8' Kits - 36" Kit - 30.25" Height - 42" Kit - 36.25" Height Aluminum Baluster - 20 per Pack	Baluster Screws - 26 for 6' Section - 36 for 8' Section Baluster Screws - 20 #8 x 3"
	Baluste	- 20 per Facilit 31": 36" Height - 37" - 42" Height - 31" Stair - 36" Height Stair - 37" Stair - 42" Height Stair	- 20 #8 x 2" - 20 #8 x 2"
Additional Components Needed for Each System		2 - Post Sleeves 2- Post Skirts 1- Contemporary Top Rail End Coating Optional	



Installing Evolutions Rail[™] Contemporary Style with Balusters













Installing Evolutions Rail[™] Contemporary Style with Balusters



















MEASURE AND TRIM POST SLEEVES

- Mark where Top Universal Rail meets Bottom Post Sleeve.
- Remove Post Sleeve and trim to stair angle. Replace Post Sleeve.
- Use Post Sleeve to mark the angle of cut on Post. Remove Post Sleeve.
- Using a straight edge, draw a line roughly 1/8" below previous mark on Post.
- Trim Post at lower line.
- Replace Post Sleeve.
- Replace both Post Skirts.

ATTACH RAILS TO

POSTS



between Posts.

Position rail assembly

Screws are designed to go in at a slight angle.





INSTALL TOP RAIL

- Finish railing system by applying a TimberTech Contemporary Top Rail to the top of the rail assembly.
- Use optional End Coating on exposed Top Rail ends.







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