

Installation Guide for Dekor™ Balusters

Tools required for installation:

- Power Drill Motor
- DEKOR™ Drill Kt (includes Forstner bit and hole template) template is designed to be used with dimensional composite/wood only.
Use Forstner bit only, if drill template is not compatible with your rail material
- Rubber Mallet

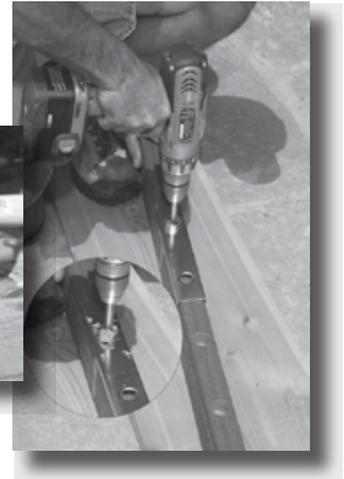
If installing illuminated product, add:

- Router or Table saw to cut channel in top and/or bottom rails
- Pliers
- Wire Strippers
- Screwdriver to attach leads to DEKOR™ power transformer
- DEKOR™ 18 gauge outdoor rated two conductor wire
- DEKOR™ water resistant wire nuts

Installation of Traditional Rail Kit:

Note: Our product is designed to be installed using our custom sized Forstner bit. Using other bits will result in either a loose fit or too tight that will result in damage during installation.

1. Prior to drilling holes in top and bottom rails for the end caps, find center of section. Start with either the top or the bottom rail. The DEKOR™ hole template is designed for dimensional composite/wood, spacing the balusters on 4 5/8" centers required for code compliance. After drilling first hole, slip template into hole and repeat until holes reach end of section. You can reduce the center to center distance to fit your specific rail length but you cannot exceed the 4 5/8" on center spacing.
2. Repeat for other rail.
3. Once holes are drilled, place end caps into holes and tap secure with rubber mallet. Caution: Using a metal hammer or other blunt instrument will damage the powder coating and is not covered under warranty. If installing square balusters, rotating the end cap 90 degrees will change the appearance of your project. Choose which look you desire.
4. Lay bottom rail on flat surface and insert balusters into bottom end caps. Be sure to start at the center with the double basket and then place single baskets on either side. Work out toward ends with plain balusters until all caps are full.
5. Carefully align top rail with end caps and slip onto balusters. Secure top and bottom rails with tie-downs or other method to keep section intact.
6. Carefully lift section into place between posts. We recommend setting section on blocks prior to attaching rails to posts. (See local codes for proper height of bottom rail).
7. Secure rail section to posts.



Installation of Non- Illuminated Stair Rail

1. Prior to drilling holes in top and bottom rails for the end caps, find center of section. Start with either the top or the bottom rail. Space holes on 6" centers which will give code compliance spacing.
2. Stair fittings are designed to be inserted in Forstner drilled perpendicular holes to rail face. Holes can be drilled with rails in place or resting on a flat surface. A flat surface is preferred so that drilling perpendicular is more easily accomplished and you have the reinforcement of the surface when applying drill pressure. You can reduce the spacing to your specific stair length just don't exceed 6" spacing.
3. Once holes are drilled place stair end caps into holes and tap secure with rubber mallet. Fittings are designed for 35° stair rise but can easily be changed to 33-37° by tapping the fitting in the desired direction allowing the back side knife edge to cut into your rail. To provide additional securing, if desired, the hole in the center of the fitting will accommodate wood screws.
4. Secure bottom rail to posts and insert balusters into bottom stair end caps. Place single basket balusters where desired in rail section.
5. Carefully align top rail with stair end caps in place and slip onto balusters. Secure top rail to post and finish handrail as desired.

