

# Risers

## What are Risers?

### Risers

High-density foam Risers are used to elevate track. With the surrounding areas now lower, modelers can quickly and easily create creek beds, ravines and other low-lying areas without the mess and inconvenience of expensive power tools.

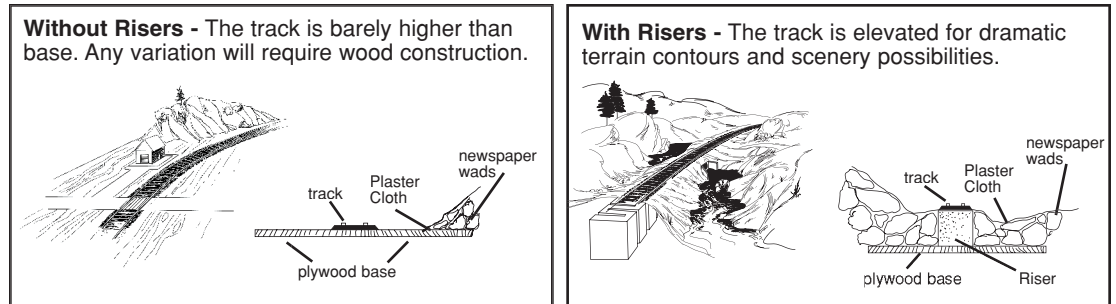
### What Size Do I Need?

Risers are available in 1/2", 3/4", 1", 2" and 4" heights. We recommend using at least a 2" Riser to elevate your track. This will provide moderate elevation for gradual relief, hills and creek beds. For a more dramatic landscape, use a 4" Riser to give you maximum elevation for steep relief, rivers and valleys.

Generally, 1/2", 3/4" and 1" Risers are used in conjunction with Incline Starters.

### How Much Do I Need?

Determine how many total feet of track are indicated in your track plan. You will need the same number of feet in Risers.



### Instructions for Installing Risers:

1. Position track and trace on plywood base.
2. Center Risers on traced area.
3. Cut Risers to proper length with the Hot Wire Foam Cutter or Foam Knife. *Risers do not emit hazardous or toxic fumes when cut with the Hot Wire Foam Cutter.*
4. Butt sections tightly to each other.
5. Temporarily pin each section in place with Foam Nails.

6. If using Inclines, install according to package instructions.  
**NOTE:** It's a good idea to temporarily lay track and test your train before permanently gluing Risers and Inclines.
7. Permanently install Risers and Inclines by running a bead of Low Temp Foam Glue along all edges that touch each other and the layout base. Risers may also be attached by spreading a thin,

even coat of Foam Tack Glue on the Riser surface and pressing down. Hold in place with Foam Nails until glue dries.

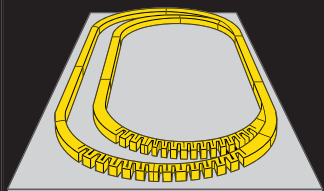
*For additional information, read the SubTerrain Manual (ST1402), see the video SubTerrain: Build a Layout Fast and Easy (DVD-ST1400, VHS-ST1401), or visit our Web site at [www.woodlandscenics.com](http://www.woodlandscenics.com).*

**Follow these Five Easy Steps to create a complete layout base**

### with SubTerrain!

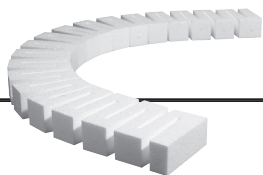
1. Install Risers to elevate track area.
2. Add Inclines to change elevations.
3. Install and Cut Profile Boards.
4. Cut and install Foam Sheets to make tunnels, interior terrain profiles, or elevated, level areas.
5. Add Plaster Cloth and Track-Bed.

**Step 1**

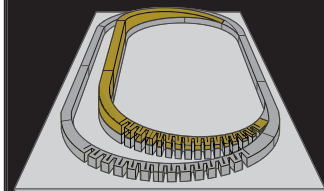


**Install Risers**

Install Risers wherever track will be laid. This raises the track level to the height of the Risers, causing surrounding areas to be lower. Modelers can quickly and easily make creeks and other low-lying areas without cutting into the layout base.

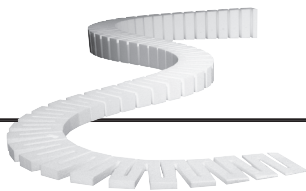


**Step 2**

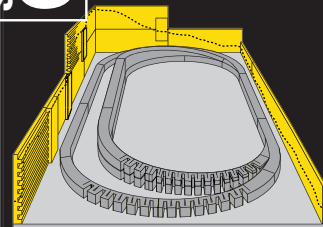


**Add Inclines**

Flexible Inclines allow track to easily change elevations on curves or straights. The SubTerrain System's pre-cut Inclines (with 2%, 3% or 4% grade) remove the guesswork and complicated calculations.



**Step 3**

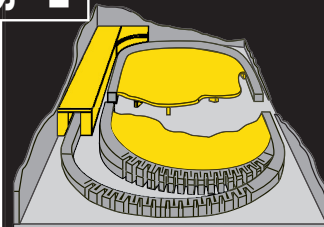


**Install & Cut Profile Boards**

Interlocking Profile Boards are joined with matching Connectors to make a sturdy layout perimeter that can easily be cut with the Hot Wire Foam Cutter (our unique cutter) to conform to any profile desired.



**Step 4**

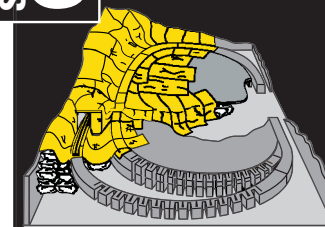


**Cut & Install Sheet Goods**

Cut Foam Sheets with the Foam Cutter and use to enclose tunnels, create interior terrain profiles and form level, elevated areas for buildings and towns.

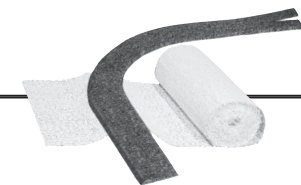


**Step 5**



**Add Plaster Cloth & Track-Bed**

Form terrain with newspaper wads. Cover them with Plaster Cloth that has been dipped in water. Install the Track-Bed (HO, O or N scale). Create realistic streets, roads and parking lots using the Road System. Then finish the layout with Woodland Scenics Terrain and Landscape products.



**Five Easy Steps to a simplified and improved layout system for beginners and advanced modelers**