

# Install and Cut Profile Boards

Interlocking Profile Boards are joined with matching Connectors to create a sturdy perimeter. Cut to any profile with the Hot Wire Foam Cutter (ST1435). For mountains or taller profiles, stack Profile Boards, then cut.

## Profile Board Instructions

Add the length of all sides of layout (in feet) and divide by four to determine the number of packages of Profile Boards you will need for the perimeter of your layout. Profile Boards are 8" high. Adjust the number as needed. For example: In mountainous areas you may want more than one row of 8" high Profile Boards.

1. Start at any corner. Interlock two pieces at a right angle. **NOTE:** At corners only, turn one section upside down to interlock (Fig. 1).
2. Continue to join sections around perimeter using Connectors. When Profile Boards are in place, pin to base with Foam Nails (ST1432). Add rows of Profile Boards as needed for desired height (Fig. 2).
3. Using the Low Temp Foam Glue Gun (ST1445) or Foam Tack Glue (ST1444), glue Profile Boards to the base, the Connectors and each other.
4. Determine your terrain's profile and draw on Profile Boards with Foam Pencil (ST1431). Cut along the outline with the Hot Wire Foam Cutter or Foam Knife (ST1433, Fig. 3).

**NOTE:** Terrain is formed by adding Plaster Cloth (C1203) over newspaper wads and Profile Boards (Fig. 4).

5. For a smooth outside finish, gently sand with a sanding block (320-grit). For a hard finish, apply a smooth layer of Plaster Cloth directly to outside surface of Profile Boards.

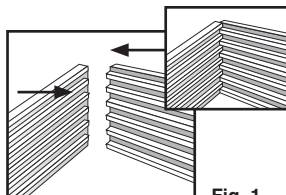


Fig. 1

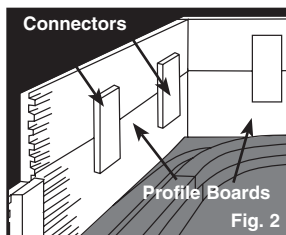


Fig. 2

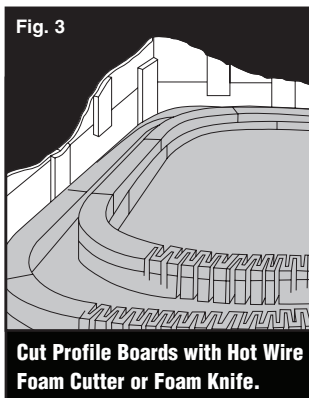


Fig. 3

**Cut Profile Boards with Hot Wire Foam Cutter or Foam Knife.**

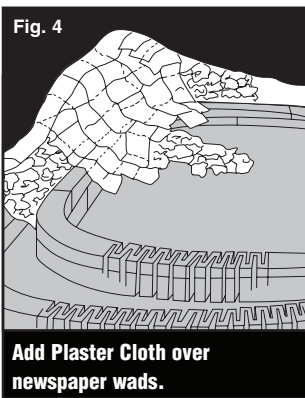


Fig. 4

**Add Plaster Cloth over newspaper wads.**



## The SubTerrain System has everything you need...

to create the ideal base for realistic terrain and scenery in just Five Easy Steps:

- Cutting Tools
- Adhesives
- Filling and Sealing Pastes
- Plaster Cloth
- Complete Road System
- Illustrated Instruction Book and Video

For additional information read the *SubTerrain Manual (ST1402)* and see the video, *SubTerrain: Build a Layout Fast and Easy (DVD-ST1400, VHS-ST1401)*.

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