

Who we are

Trainnsylvania Railroad makes highly detailed yet easy-to-build architectural kits and accessories for your model railroad.

Our kits are inspired by the architecture of the northeastern United States. These kits cover a range of time periods and styles including colonial, Victorian, industrial revolution, art deco, mid-century, brutalist, and contemporary.

We hope that building this kit will inspire you to check out the other kits we offer.

Customer support

We want to be sure you are 100% satisfied with your new model kit. If your kit is damaged, missing parts, or if you need additional help building it, please reach out to us.

Phone: 555.425.5018

Email: support@trainnsylvania.com

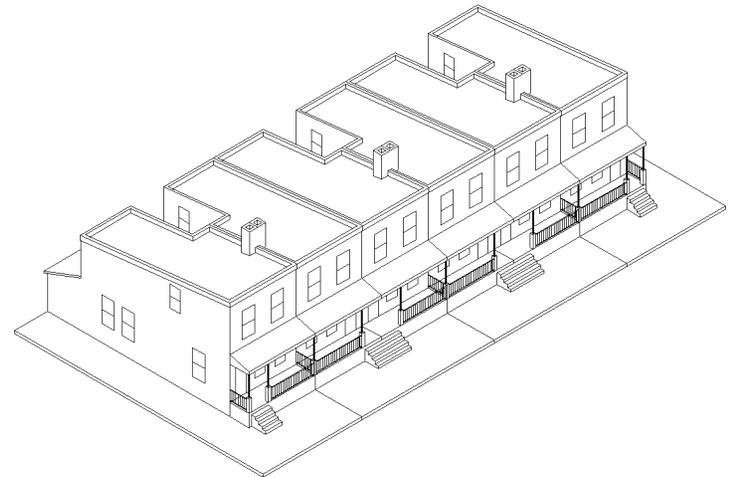
Web: trainnsylvania.com

Or you can view online help specific to this kit at:
<http://www.trainnsylvania.com/help-rowhouses.html>



© 2021 Trainnsylvania Railroad

Philadelphia-Style Rowhouse Kit Instructions



TRAINNSYLVANIA RAILROAD

Kit #TRR-01 - N scale (1:160) – 8.4"W x 3.9"D x 1.8"H

Welcome to Trainnsylvania!

Thank you for buying this Philadelphia-style rowhouse kit for your N scale train layout.

This booklet contains information on painting and assembling your kit. Study it carefully before beginning construction.

This kit was inspired by rowhouses found in working-class neighborhoods throughout Philadelphia, Pennsylvania. These rowhouses were built in the first half of the twentieth century in neighborhoods surrounding Center City Philadelphia.

For your safety

Before starting construction of your kit, be sure to read and adhere to the following safety information.



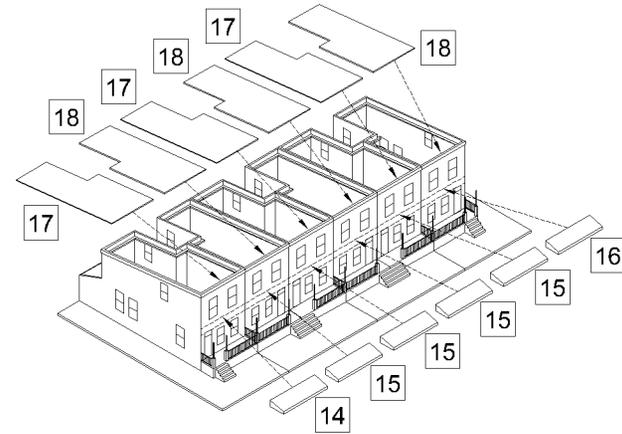
WARNING: CHOKING HAZARD

This kit contains small parts that can become a choking hazard for children and pets. Adult supervision is required.

Use caution when working with modeling tools and supplies. The information below highlights common hazards, but always read and adhere to manufacturers' safety warnings for full information. Call emergency services or poison control immediately should an injury occur while building this kit.

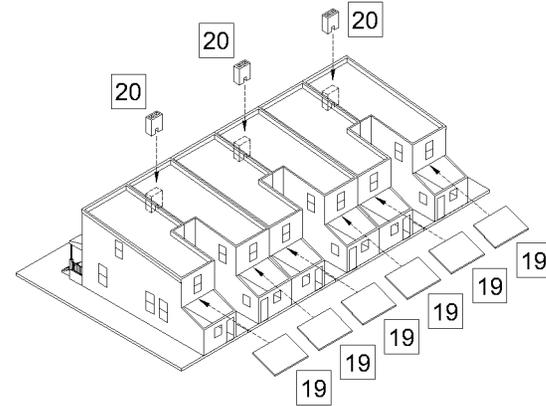
- Handle **sharp blades** and **cutting tools** with care. Always cut away from yourself and cover blades when not in use.
- **Cyanoacrylate (CA) super glue** is a skin irritant that can bond flesh in seconds. Avoid contact with skin and eyes during use.
- **Paint** can cause eye, lung, and skin irritation. Always work in a well-ventilated room. Never ingest paint.

Step 5: Install the main and porch roofs



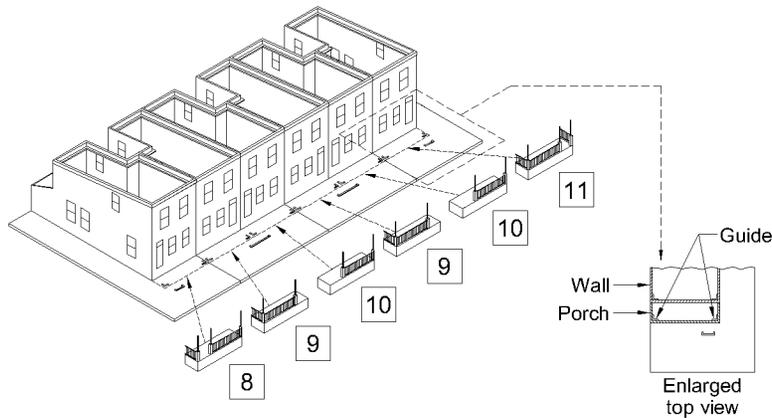
Glue the back of each porch roof to the front face of its rowhouse and its underside to the top of its support columns. Glue the underside of each main roof to the support ledges on the interior walls of its rowhouse.

Step 6: Install the rear roofs and chimneys



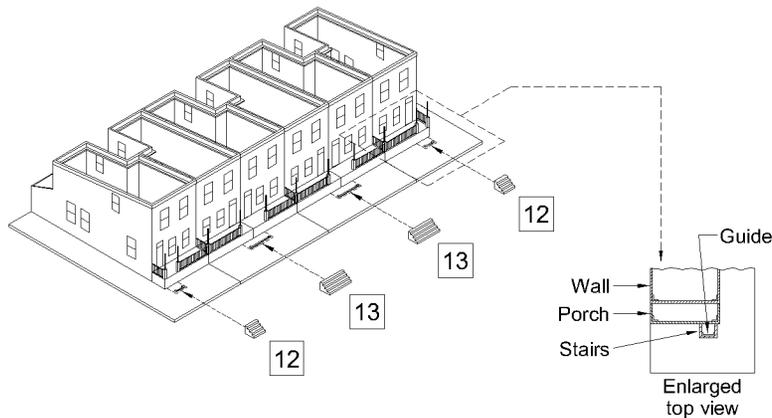
Glue the underside of each rear roof to the top of the walls at the back of its rowhouse. Glue the chimneys to the main roof parapets that separate the rowhouses where shown.

Step 3: Install the porches



Glue each front porch to its baseplate. The footprint of each porch will fit around a set of guides to ensure precise placement. See the *Enlarged top view* for the relationship of the porch to the guides on the baseplate.

Step 4: Install the stairs



Glue each set of front stairs to its baseplate. The footprint of each porch will fit around a set of guides to ensure precise placement. See the *Enlarged top view* for the relationship of the stairs to the guides on the baseplate.

Tools and supplies

Additional tools and supplies (sold separately) are required to complete this kit:

- Hobby knife
- Sandpaper (coarse, medium, and fine grit)
- CA super glue
- Acrylic model or craft paint and primer
- Paint brush (fine)
- Airbrush

Preparation and painting

See the *Parts list* on page 3 for the material type of each part.

Polylactic acid (PLA) parts require some preparation before painting. The filament-printing process for PLA parts leaves a texture on finished surfaces known as layer lines. Sand off these layer lines with coarse-grit sandpaper before painting. Then smooth the surfaces with medium and fine-grit sandpaper. Wash and dry the parts. Then apply a coat of primer before painting.

Resin parts are ready to paint. We have already primed them to prevent the resin from becoming brittle if exposed to ultraviolet rays. If you modify these parts, apply fresh primer before painting.

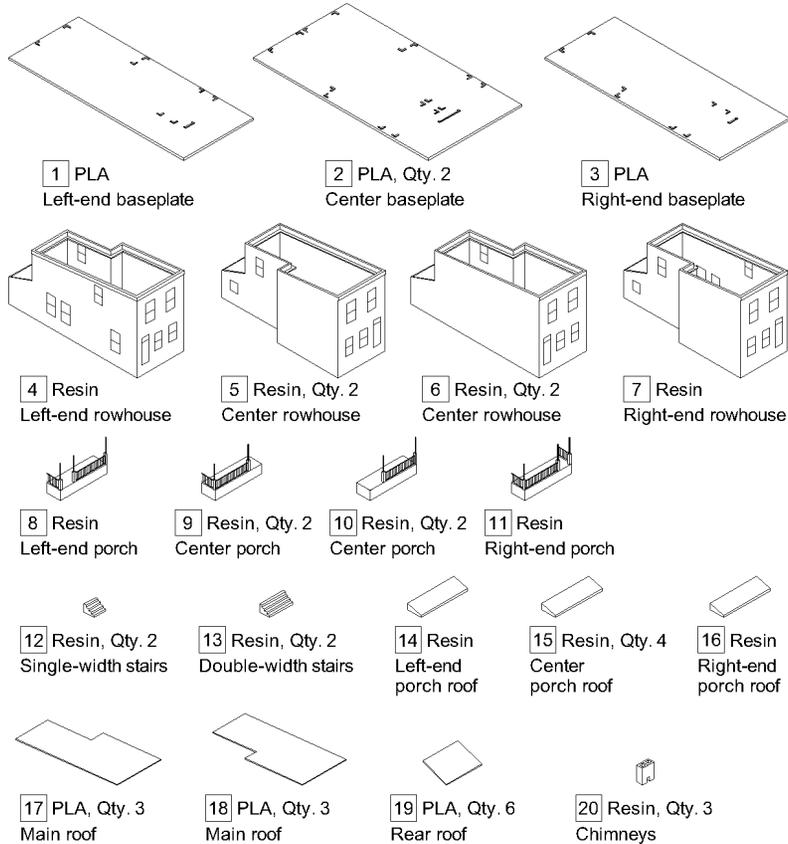
Acrylic hobby and craft paints work best on 3D-printed parts. We recommend airbrushing the large surfaces first. Then paint the details with a fine brush.

Test fit parts before applying glue. Use CA super glue to join 3D-printed parts. Glues designed for styrene plastic will not bond 3D-printed parts. Glue will not adhere to painted surfaces, so use a hobby knife or sandpaper to remove paint where glue will be applied.

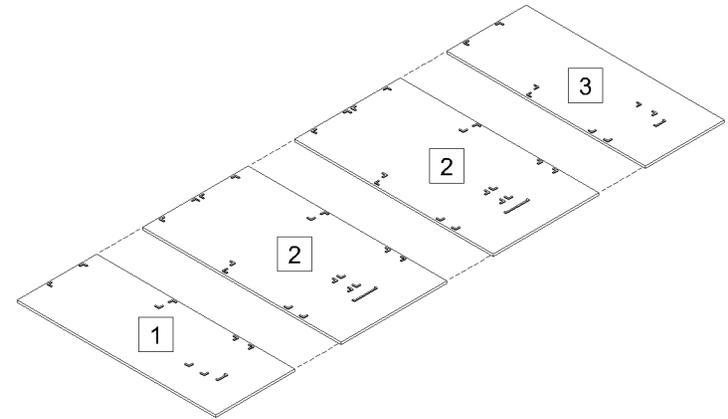
Parts list

Ensure your kit contains all the parts shown below. If any parts are missing or damaged, refer to the back cover of this booklet for how to contact us for prompt part replacement.

Indicates part number, quantity (Qty.) 1 unless noted otherwise

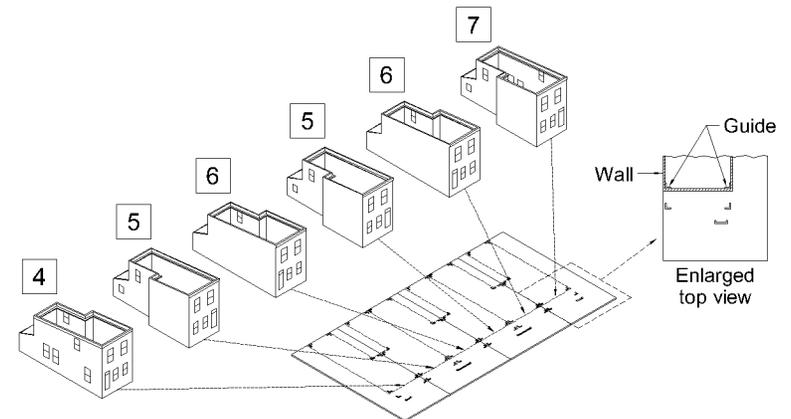


Step 1: Assemble the baseplates



Assemble the baseplates by gluing their edges together. Take note of the orientation of the raised guides on each plate. These guides will be used in later steps to place other parts precisely.

Step 2: Install the rowhouses



Glue each rowhouse to its baseplate. The footprint of each rowhouse will fit around a set of guides to ensure precise placement. See the *Enlarged top view* for the relationship of rowhouse walls to the guides on the baseplate.