



HO Structure Kit

TWO-STORY FRAMED HOUSE

933-3786

Thanks for purchasing this Cornerstone kit. All parts are styrene so use compatible glue and paint to assemble and finish your model. Please take a few minutes to read these instructions and study the drawings before starting construction. PLEASE NOTE: Two optional front walls, four doors and two styles of porch are provided for easy customizing. With paint and additional details (sold separately), you can use several of these kits in the same scene to model a complete neighborhood.

The Industrial revolution led to major changes in home design and construction across America. Western sawmills turned out lumber, eastern factories produced all kinds of hardware and building materials, and railroads delivered them virtually everywhere. As the tastes and style of the Victorian Era evolved, two unique styles of homes began appearing in towns of every size. Wealthy homebuyers opted for large custom-designed and built structures, with virtually every exterior surface decorated with factory-made "gingerbread" trim. For the new middle class, a simpler and sturdy design became popular, constructed around an internal frame of 2 x 4" (5 x 10.1cm) studs that could be quickly and easily nailed together. Built by and for folks with smaller budgets and growing families, these two-story houses were ideal for city lots, with a bedroom for a cook, a dining room, parlor and kitchen on the lower level, and most of the bedrooms on the second. Influenced by earlier designs, steeply pitched roofs that shed rain and snow, and a front porch to provide shade were common as well. Inspired by their wealthier neighbors, many older homes were modernized and new homes built with a bit of gingerbread where it was easily seen from the street. For most, the front porch became the focal point, with fancy turned wood posts, elaborate railings, and scrollwork trim along the ceiling. While tastes changed, the houses themselves stood the test of time, and were gradually remodeled and modernized with electrical and gas service, indoor plumbing, central heat and other advances as the years passed. Built from about 1870 to 1910 and still lived in today, homes of this style are collectively known as "Folk Victorians" to differentiate them from the more elaborate "Victorian Home," and can still be found all across the US. Your new kit is a great way to model a new suburb in the steam era, or an older residential neighborhood in the present. Similar homes were also built for farm families. Different front walls, doors and porch details are included to make customizing quick and easy, and additional kits (each sold separately) can be built using the different parts for even more variety. See your local hobby shop, the current Walthers HO Model Railroad Reference Book or visit us online at walthers.com for additional ideas and accessories to complete your model.

DOORS & WINDOWS

Acetate is provided for window glass. Glue Windows and Doors to the outside of each Wall as shown. Cut acetate slightly larger than Windows and Doors glue in place with white glue.

Front Walls

PLEASE NOTE: Two different Walls are provided, choose one. Entry Doors (20, 29, 31, 32) are interchangeable and can be used on the Front or Back Wall as desired.

#5: Attic Window (36), Single Windows (4x 33), Door (Choose one: 20, 29, 31 or 32).

#6: Attic Window (36), Single Windows (3x 33), Double Window (34), Door (Choose one: 20, 29, 31 or 32).

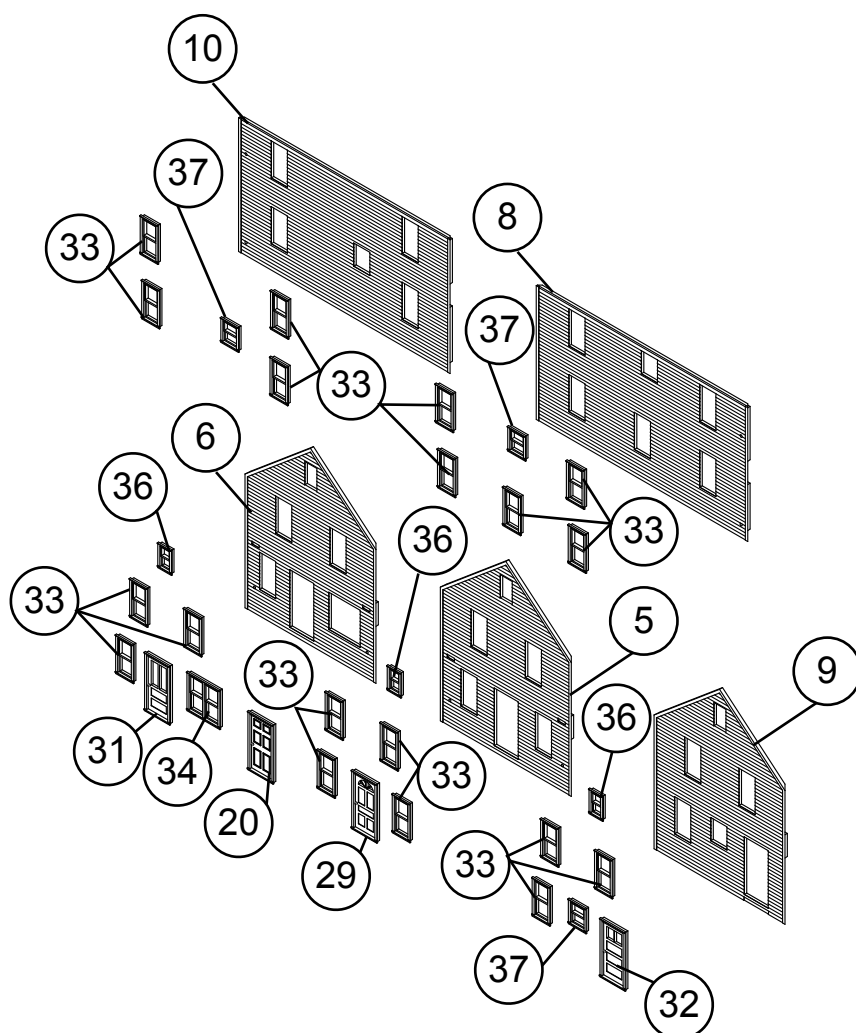
Side Walls

#10: Single Windows (4x 33), Small Window (37)

#8: Single Windows (5x 33), Small Window (37)

Rear Wall (9): Single Windows (3x 33), Small Window (37), Attic Window (36), Door (Choose one: 20, 29, 31 or 32).

Basement Walls (2x 2, 3, 4): Basement Windows (5x 38). (See illustration on back page)



MAIN STRUCTURE

1) Using the raised ridges on Base (1) as a guide, glue Front (3) Side (2x 2), and Rear Basement Walls (4) to Base as shown and allow to dry.

2) PLEASE NOTE: If desired, optional floors (not provided) can be installed between raised ridges on inside of Walls before gluing Rear Wall in place. Note the correct location of the downspout mounting points at therear of the Right (8) and Left (10) Side Walls. Glue Front Wall (5 or 6: #5 is shown), Side Walls (8, 10) and Rear Wall (9) to Basement Walls and at inside corners where parts meet as shown.

3) Note the four gutter alignment points on the top of both Soffits (2x 43) and the bottom of each Roof Half (41, 42). Glue Soffits to inset area on underside of Roof Halves. Glue Rain Gutters (2x 43) to openings in both Roof assemblies.

4) Using the small pins on the underside of each Roof Half, align both parts and glue together where edges meet. Glue Light Mounting Pad (50) to center of Roof assembly. The completed Roof can be set in place to add lights or interior details (sold separately), or glued in place.

5) Glue Chimney Front and Rear (2x 26) to Left and Right Sides (2x 27) and Chimney Cap (46). Glue Chimney to raised mounting point on Roof.

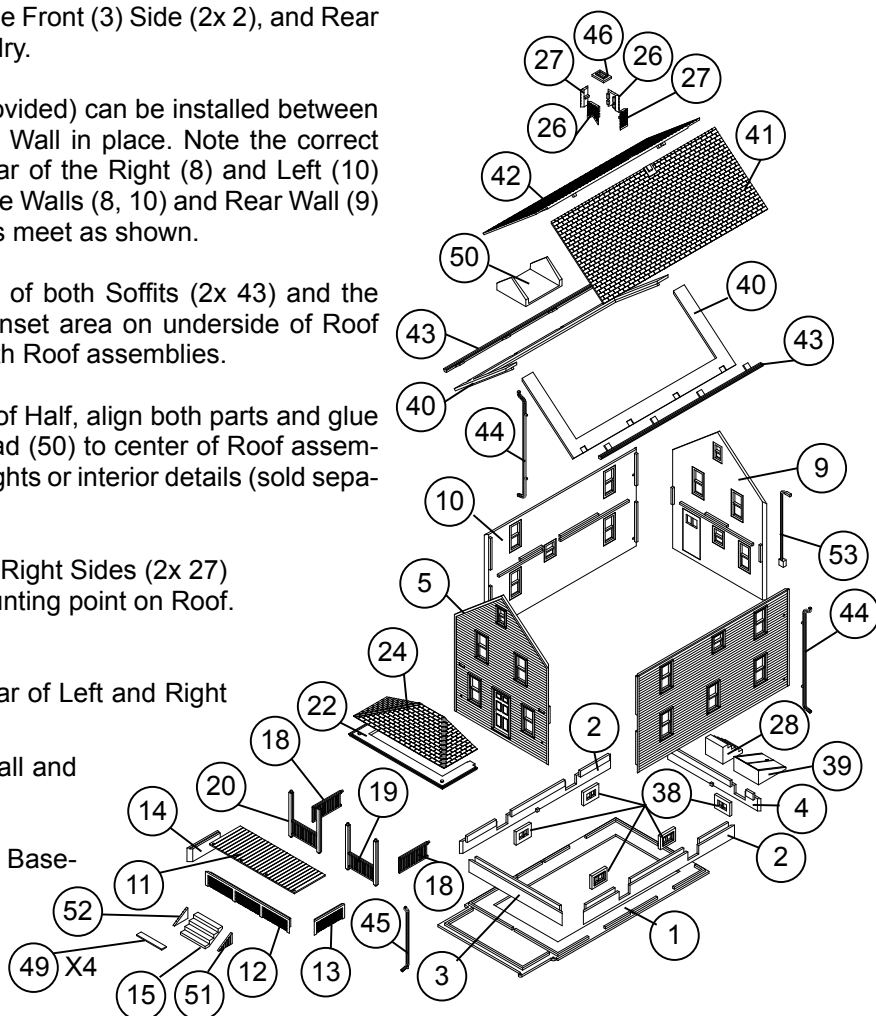
FINAL DETAILS

1) Glue Long Downspouts (2x 44) to openings in rear of Left and Right Side Walls.

2) Align Rear Stairs (28) below doorway on Rear Wall and glue to Rear Basement Wall.

3) Align Cellar Door (39) between Rear Stairs and Basement Window, and glue to Rear Basement Wall

4) If appropriate for your era, Electric Meter (53) can be glued to Rear Wall.



FRONT PORCH

PLEASE NOTE: Installation of the porch is identical on either Front Wall: the illustration shows both #5 and 6 for reference but use only one. Parts for two different styles of porch are included: roofs and railings are interchangeable and can be mixed and matched as desired.

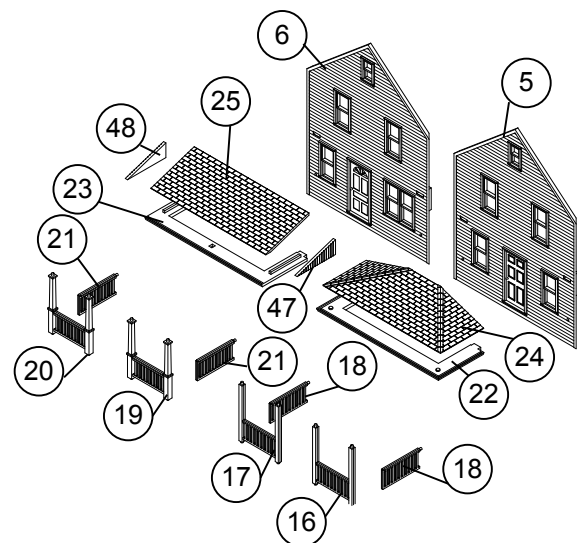
Flat Roof:

1) Glue Left (48) and Right (47) Trim Pieces to Porch Soffit (23). Glue Flat Porch Roof (25) to Soffit assembly.

Hip Roof:

1) Glue Hip Porch Roof (24) to Soffit assembly.

2) Using the raised ridges on Base (1) as a guide, glue Left (14), Right (13) and Front Lattice Work (12) together and to Base and Front Wall as shown. Make sure the post mounting points of porch floor are at the front, then glue Porch Floor (11) to Lattice and Front Wall.



Railings

PLEASE NOTE: All parts have very small mounting pins: use care when trimming from sprues. On the rear of all Front Railings, the outside post has a small inset area: make sure this post is on the outside of the Porch Floor with the opening facing toward the Front Wall.

1) The sketch shows parts #18, 19 and 20 but assembly is identical for both versions. Glue Right (16 or 19) and Left (17 or 20) Front Porch Railings to four mounting points on Porch Floor.

2) PLEASE NOTE: Porch Side Railings 18 match 16 and 17: Railings 21 match parts 19 and 20. Align small pins with openings on front porch posts, and glue Porch Side Railings to posts and Front Wall where parts meet.

3) Glue the Right (51) and Left (52) Front Porch Stair Trim to raised ridges on underside of Porch Stairs (15). 3) Center the Stair Treads (4x 49) and glue to top of Porch Stairs. Center stair assembly between Front Porch Railings and trim on front Lattice and glue to porch where parts meet.

4) PLEASE NOTE: Porch Downspout (45) has a small mounting pin on the very bottom: use care when trimming this part from the sprue. There are two mounting points for the Porch Downspout on the Base. For the Hip Roof, glue the Downspout in the opening at the right rear. For the Flat Roof, glue the Downspout at the right front. If desired, trim the unused mounting point from the Base.