



HO Structure Kit

SOUTHTOWN HI-FI

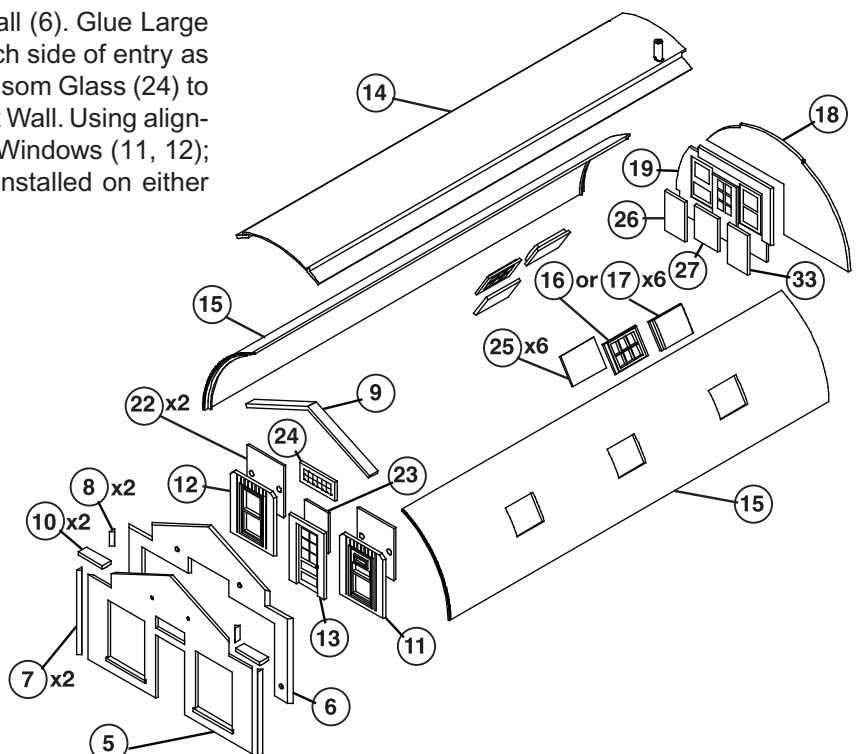
933-2919

Thanks for purchasing this Cornerstone Series® kit. All parts are made of styrene plastic, so use only compatible glue and paint. Thanks for purchasing this Cornerstone ® kit. All parts are styrene, so use compatible glue and paint to finish your model. Please read these instructions and study the drawings before starting. PLEASE NOTE: Parts are included to build either a standard 20 x 48' (6 x 14.6m) military-style building with no foundation or a civilian version with a false front and a concrete block foundation. Decide which version you'll build before proceeding — there will be leftover parts with either version. If you wish to paint your model, you may find it easier to do so before starting construction.

By early 1941, the US Navy was gearing up for the possibility America would be drawn into WWII. One of the most urgent needs was for a building to house personnel and/or supplies that could be easily transported over long distances and assembled under less than ideal conditions. The job was given to the George A. Fuller Construction Company – with the stipulation that a prototype be ready in just 60 days! Working near Quonset Point, Rhode Island, the firm's half-round 16 x 36' (4.8 x 10.9m) design was a variation of the British Nissen Hut of WWI, made from preformed steel and wood parts, with an interior, insulation and wood floors. Specifications were drawn up for a variety of buildings and special interior furnishings to fit the half-circle shape. This proved a stumbling block, and the design was modified with a 4' (1.2m) interior sidewall. The Navy later added a 20 x 48' (6 x 14.6m) building (the most common size built) and a 40 x 100' (12.1 x 30.4m) warehouse. Some 86 different interior plans were also developed especially for the structures. Used by all Allied forces, over 150,000 "Quonset Huts" were built around the globe. After the war, the Quonset hut began a civilian career that would span decades. War surplus huts were sold as kits, and shipped all over the country where they were rebuilt as small homes, churches, farm buildings, garages, light industry, warehouses, laboratories and a surprising number were reworked as small businesses, complete with a new wood or brick front facade. While their heyday passed quickly as traditional building materials became readily available, and many were later torn down to make way for new construction, many have survived to this day. Based on a prototype still standing in Lomira, Wisconsin, as of early 2014, this detailed model is typical of converted Quonset huts seen coast to coast. The original was assembled on a cement block foundation, and received a fancy brick false-front entrance; when new it was located at the intersection of two major state highways. The rear wall was also reworked with a different door and window arrangement. Window air conditioners and an electric meter are included to detail your kit, but with different types of doors (sold separately) and some minor kitbashing, the basic kit can be converted into many other useful structures. With period signs, figures and vehicles nearby, it will fit any military installation or civilian business district from the 1940s to the present. For additional details to complete your model, see your dealer, the latest Walthers HO Scale Model Railroad Reference Book or visit us online at walthers.com.

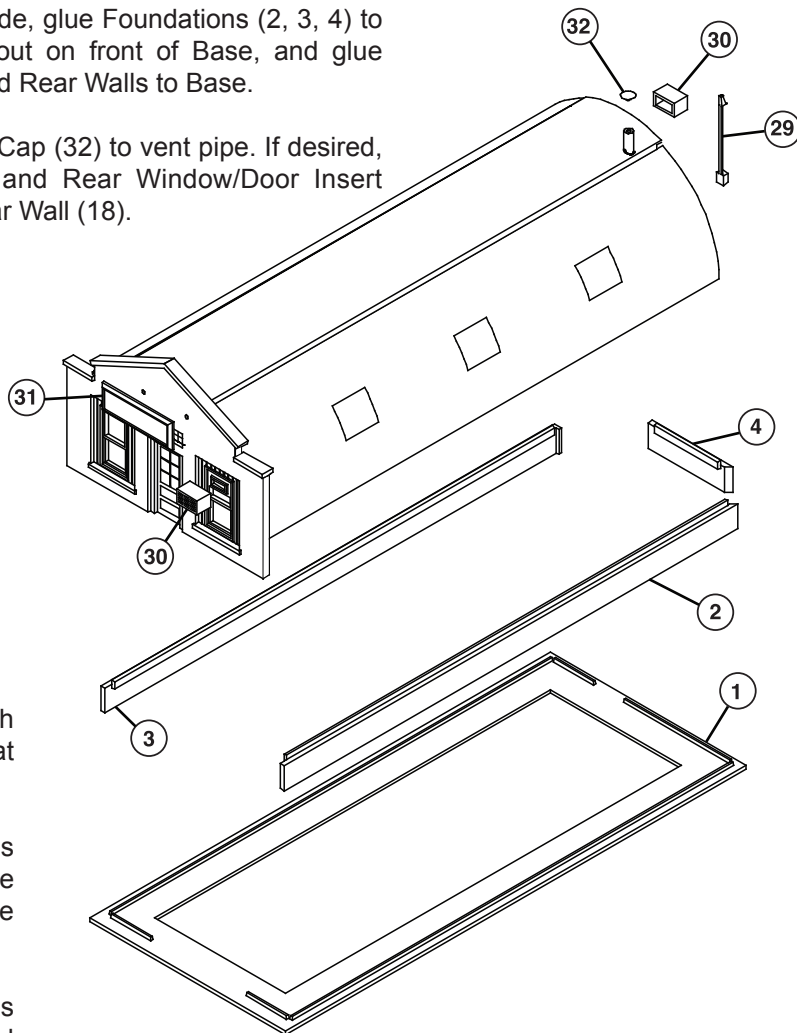
"False Front" Quonset Hut:

1. Note the inset areas are the tops of both Sidewalls (2x 15). Glue Roof (14) to Sidewalls at insets.
2. Side Windows (6x 16) and Side Window Glass (6x 25) or Corrugated Inserts (6x 17) can be mixed and matched. Glue to inside of both Side Walls as desired.
3. Using locating pins, glue Front Wall (5) to Facade Wall (6). Glue Large Brick Edges (2x 7), and Short Brick Edges (2x 8) to each side of entry as shown. Glue Capstones (9, 10) to top of entry. Glue Transom Glass (24) to Front Door (13) and glue door assembly to back of Front Wall. Using alignment points, glue Front Window Glass (2x 22) to Front Windows (11, 12); completed Windows are interchangeable and can be installed on either side of Door as desired.
4. Glue Rear Window/Door Insert (19) to Rear Wall (18). NOTE: Rear Glass sections (26, 33) are different sizes. Glue Left Rear Glass (26) to left and Right Window Glass (33) to right side; glue Door Window Glass (27) to door.
5. With vent pipe at rear, glue completed Rear Wall to Roof and Sidewalls. Glue completed Front Facade to Roof and Sidewalls.



6. Using the raised ridges on the Base (1) as a guide, glue Foundations (2, 3, 4) to Base as shown. Align Front Wall with wide cut out on front of Base, and glue structure to foundation, and inside edge of Front and Rear Walls to Base.

7. Glue Sign (31) to Front Facade. Glue Vent Pipe Cap (32) to vent pipe. If desired, glue Window Air Conditioners (2x 30) in Front and Rear Window/Door Insert Windows as shown. Glue Electric Meter (29) to Rear Wall (18).

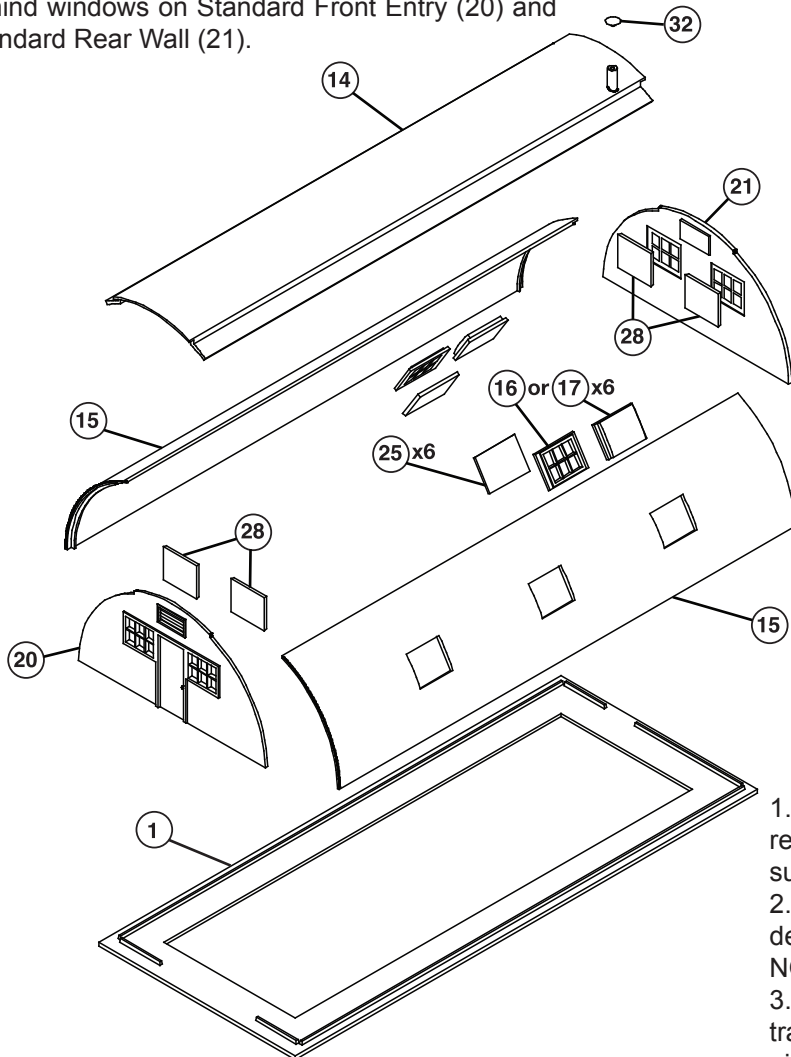


Standard/Military Quonset Hut:

1. Note the inset areas are the tops of both Sidewalls (2x 15). Glue Roof (14) to Sidewalls at insets.

2. Side Windows (6x 16) and Side Window Glass (6x 25) or Corrugated Inserts (6x 17) can be mixed and matched. Glue to inside of both Side Walls as desired.

3. Glue Window Glass (4x 28) to recessed areas behind windows on Standard Front Entry (20) and Standard Rear Wall (21).



4. With vent pipe at rear, glue completed Standard Front and Rear Walls to Roof and Sidewalls.

5. Align Standard Front Wall with wide cut out at front of Base and glue completed structure to Base.

6. Glue Vent Pipe Cap (32) to roof vent.

DECALING

1. After cutting out the decal, dip in water for 10 seconds, remove and let stand for 1 minute. Slide decal onto surface, position and then blot off any excess water.
2. Lightly brush Micro Sol® on top. This will soften the decal allowing it to conform to irregular surfaces. DO NOT TOUCH DECAL while wet!
3. When the decal is thoroughly dry, check for any trapped air bubbles. Prick them with the point of a small pin or hobby knife blade and apply more Micro Sol®.