



N Structure Kit SUNRISE FEED MILL 933-3239

Thanks for purchasing this Cornerstone kit. All parts are styrene plastic, so use compatible paint and glue to assemble and finish your model. Please study the drawings and read these instructions before starting construction. If you wish to paint any parts, you may find it easier to do so before starting construction.

When Americans relied on horses instead of horsepower, the local feed mill was a vital business in rural areas and large cities. Here, locally grown grain could be brought in, or delivered by the boxcar load, and ground for use as animal feed; some grains could be fed directly, others like corn, required the hard outer hull be cracked or ground so animals could digest them. Once ground, mills would also bag feed so it could easily be handled and stored. The actual grinding machinery was located below ground, and gravity did most of the hard work of unloading wagons or boxcars by hand. Inside the mill building itself, numerous chutes directed ground grain into bins and bagging machinery. The slow decline of the feed mill began during WWI, but with the shift to an industrial economy, farming became a more specialized operation, using better blends of feed and minerals to increase production of meat, eggs and milk. Today's feed mill is still commonly found in rural and suburban areas, offering specialty pet foods, horse supplies, bird food and various lawn and garden products. Based on a prototype in Richfield, Wisconsin, that's still going strong in 2015, your new model fits almost any time period. The actual operation is a freestanding structure, but mills like this were often part of a larger trackside business that included a grain elevator, farm supply store, and ice, coal or oil sales.

For additional details, see your local hobby shop, check out the latest Walther's Model Railroad Reference Book, or visit us online at walthers.com.

MAIN BUILDING

1) Begin by gluing Glass to window openings on back of each Wall as shown:

Front Wall (6): Large Window Glass (2x 53), Small Window Glass (52)

Left Wall (5): Large Window Glass (3x 53)

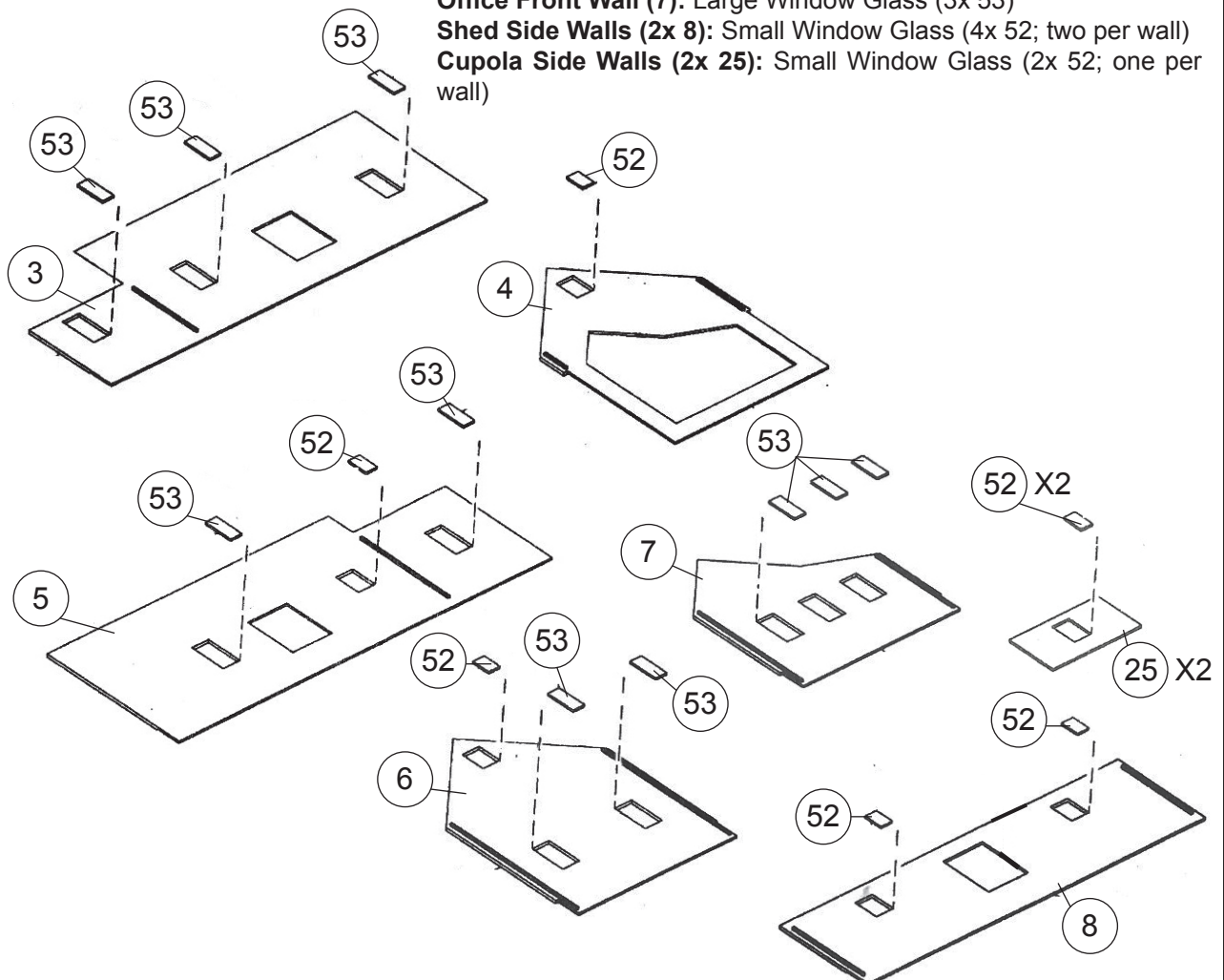
Right Wall (3): Large Window Glass (3x 53)

Tall Rear Wall (4): Small Window Glass (52)

Office Front Wall (7): Large Window Glass (3x 53)

Shed Side Walls (2x 8): Small Window Glass (4x 52; two per wall)

Cupola Side Walls (2x 25): Small Window Glass (2x 52; one per wall)



2) Using the raised ridges on the Mill Base (1) as a guide, glue Walls (3, 4, 5, 6) to Base and at inside corners where parts meet. Glue Office Front Wall (7) to inside edges of Walls (3, 4) and to Base.

3) Using raised ridges on the left of the Base as a guide, glue the Grain Dump Hopper Left (16), and Right (15) and Front Walls to Base and at inside corners where parts meet. Glue Top (17) to completed hopper.

4) Glue Loading Platform (11) to Base, and glue Platform Stairs (12) to edge of Platform and Base.

5) Note the locating line molded on the Right Wall; with the beveled edge flat against the wall, glue the Dock Roof (18) above the locating line as shown.

6) Using the raised ridges on the Shed Base (2) as a guide, glue Shed Walls (2x 8, 9, 10) to Base and at inside corners where parts meet.

7) PLEASE NOTE: Align Shed Roof Halves (22, 23) even with the Spacer Wall (10) and overhanging the Shed End Wall (9): glue Roof Halves together where parts meet and to Shed Wall assembly. Glue Vent Base (34) to Vent (35) and glue completed assembly to mounting point on Shed Roof.

8) Gently bend the Long Office Roof (46) to match the angled mounting ridge on Tall Rear Wall (4). Align the top edge of the Long Office Roof so it's even with the peak on the office walls, and glue to the top of the mounting ridge and the Front Wall (7). With the beveled edge tight against Long Office Roof, glue the Short Office Roof (47) to the office walls and to the Long Roof where parts meet.

9) PLEASE NOTE: The Left Mill Roof (20) has a notch for the Office Chimney. Glue Roof Halves together where parts meet and to Mill Wall assembly.

10) Using raised ridges on the center of the Mill Roof as a guide, glue the Cupola Left and Right Side Walls (2x 25) to Cupola Ends (2x 26) at inside corners where parts meet and to Roof. Glue Cupola Roof Halves (2x 24) at inside edges where parts meet and to Cupola Walls.

11) Using raised ridges on the center of the Cupola Roof as a guide, glue the Dust Collector Base Left and Right Side Walls (2x 27) to Base Ends (2x 28) at inside corners where parts meet and to Cupola Roof. Glue Collector Cover (29) to top of Collector Base wall assembly.

12) PLEASE NOTE: Each Dust Collector Half has a small peg on the bottom when trimming these parts from the sprue, do not remove the peg. Glue Dust Collector Halves (30, 31) together. With the flat side on #31 facing towards the side platform, insert the peg into the opening in the Cover and glue the Dust Collector in place.

13) PLEASE NOTE: The beveled end of the Dust Collector Pipe (33) should just touch the Mill Roof; adjust if needed and glue flat end of the Dust Collector Pipe (33) to the opening on part #31, and the beveled edge to the Mill Roof.

14) Glue Cap (40) to top of Office Chimney (39). Insert the beveled edge of the Chimney through the notch on the Mill Roof until it rests just below the bend in the Office Roof; there should be a slight gap between the chimney and the Office Front Wall. Make sure the assembly is straight and carefully glue in place where the Chimney touches the roofs.

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®.

