

COLORADO MODEL STRUCTURES

Design Hints and General Instructions

1/24 Scale Building - Virginia Mills Graining Co - CMS3003

PLEASE READ ALL DIRECTIONS BEFORE BEGINNING ASSEMBLY

Tools and Supplies Required are a razor knife, file, scissors, tweezers, 18" square, masking or edging tape and a glue suitable for hi-impact styrene and lexan sheet. Flat back clippers, sand paper, and other model building tools are helpful.

As with any project involving the use of sharp objects, hand and power tools, and adhesives, It is recommended that extreme care be exercised in assembling this kit. It is recommended that no one under the age of 12 be allowed to work with this kit and that all minors be supervised at all times. Because some of the trimmings from this kit can be very small, it is recommended that children less than 6 not be allowed in the working area.

If your project is to be painted take care not to get fingerprints, oily substances, or glues on the parts, as the paint will not stick as well or may cover differently. As some oils are inherent in the manufacturing process it is recommended that all parts be washed with a mild soapy solution and then rinsed.

Before assembly begins, each piece should be carefully trimmed to remove any excess flash. Flash is the very thin plastic that extends in an irregular pattern from the edge of the piece. Flash should be removed from both the inside of the window and door openings and the outside edge of the roof and wall sections. There is a .025" x approximate .025' flat overlap at both ends of the front and back wall. Do NOT trim this overlap until all parts are fitted as the overlap matches the front and back wall to the side walls. Be especially careful trimming the matching 45 degree corners of the side walls, end caps, and roof sections. Pay particular attention to trimming the gate area(the small piece of plastic coming out of the wall and roof sections) so that the part is trimmed or filed flush but none of the detail is taken off of the outside surface of the part.

After the flash is removed, it may be necessary to make several minor adjustments to the some of the kit components to assure a better fit upon assembly. It is better to make all adjustments very slight at first then increase them if necessary. Use a file(preferable) or hold a knife perpendicular to the surface to be trimmed and move the knife in a scrapping motion. Make sure all components fit together easily before cementing. The Vent Stack Hole in the roof is intentionally undersize. After cementing the 4 sides of the vent stack together and allowing to dry, use the assembly as a guide to gradually enlarge the hole in the roof so that the vent stack fits snugly in the vertical position. The lower portion of the roof hole is approximately the correct angle, so only the upper part of the hole and the sides of the hole should be enlarged. Before cementing in place, the vent stack should be checked visually against the 18" square held in an upright position. The drawings on the reverse of this sheet can be referenced for component inclusion and location. Inserts RI & FI are to be cemented in place to the back of the respective rear and front walls so that the detail shows through the opening in wall.

Some preliminary painting may be done at this time, although it is recommended that painting be done as each stage that is a like color is completed. Windows and doors may be painted after trimming and before assembly if a contrasting color is used.

Location of all doors and windows is indicated on the drawings on the reverse of this Instruction Sheet. All pieces shown the reverse are included with each kit. Windows and doors can be cemented in place either before or after wall assembly. As many of the windows are similar in size, care should be taken to be sure that the correct window is in the correct location before cementing. The flanges on the doors for the front and rear insert will have to be trimmed to fit. Be careful to trim only what is necessary for fit. Flat back clippers are best for this type of trimming.

Cement only two sides of the building at a time and allow to dry as the weight of the pieces can pull the building out of square. Use the 18" square to ensure square corners. . If you have not already done so, cement the doors and windows into place. Glazing material is included for all windows and doors. This can be cut to fit and cemented in place as desired. Finish as above and your building is complete. Add your own touches for a building that is uniquely yours.