

COLORADO MODEL STRUCTURES

Design Hints and General Instructions

1/24 Scale Building - CMS1013 - Red Mountain School House

PLEASE READ ALL DIRECTIONS BEFORE BEGINNING ASSEMBLY

Visit our website www.coloradomodel.com/bldginfog.htm for additional kit info & painting hints

Tools and Supplies Required are a razor knife, file, scissors, tweezers, 18" square, c-clamps and a glue suitable for hi-impact styrene. 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 piece. Be especially careful trimming the matching 45 degree corners of the side walls and end caps.

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 drawings on the reverse of this sheet can be referenced for component inclusion and location.

Painting be done at this time. Windows and doors may be painted after trimming and before assembly.

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. The building should be first assembled in 3 sections. Do NOT cement any roof pieces in place until all steps below(except the placement of the belfry on the roof) are completed. The main side and end walls should be cemented using the 18" square ensure that all corners are square. Adjoining sections can be held in place with painters tape or corner clamps. Let dry. Assemble the annex side and end walls in the same fashion. Finally assemble the belfry by orienting the belfry pieces as shown on the reverse, turning the side wall 90 degrees to the main support and cementing the roof overhang to the top of the main support. Repeat until all four sides are complete. Some minor filing may be necessary to assure all sides of the belfry are flush and square. When the cement on all three assemblies is completely dry, cement the annex to either end(your choice) of the main building, aligning the door openings, and assuring that the annex is centered between the two windows on the main end piece. Use 2 or more c-clamps to hold the 2 assemblies tightly together until the cement is completely dry. The roof pieces may then be cemented in place, centering the main and belfry roofs on the respective assemblies, and making sure the annex assembly roof is flush against the main front wall. The belfry may then be cemented to the main roof with the 45 degree angles of the main belfry supports straddling the roof. If desired, the 2 halves of the Cross may be cemented with the slightly wider part of each half touching, and then cemented, when dry, in a position of your choosing.

Finish as above and your building is complete. Add your own touches for a building that is uniquely yours.