

COLORADO MODEL STRUCTURES

Design Hints and General Instructions

1/24 Scale Building -Grandpas' House in "G"- CMS3004

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. Verify that all pieces shown on the parts description are included in the quantities shown in parentheses. The parts description sheet should be referenced for the following directions.

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 several times. It is recommended that all basic painting be completed and allowed to dry before assembly is begun.

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. If there is any question on what needs to be trimmed, fit adjoining walls or roofs together or fit windows into walls sections. Anything interfering with that fit or detracts from the appearance of the part should be trimmed. There is a .025" by approximate .025" flat overlap at the vertical ends(marked by multiple '>' or '<' on the reverse side) of various wall sections. 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. 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 items shown on the parts description sheet inside of a single circle need particular attention for fit(see notes by circles). The window in the area by the double circle needs its' back flange trimmed to clear the upper wall section. The parts description sheet can be referenced for component inclusion and location.

Basic painting may be done at this time. See our online guide at www.coloradomodel.com for helpful hints. Windows and doors may be painted after trimming and before assembly if a contrasting color is used. Touch up can be done after assembly.

Location and order of assembly of all doors and windows is indicated on the drawings on the parts description sheet . 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. The wall sections of the house should be assembled first in the order shown on the parts description sheet , saving the House Upper Right Side H5 until later. The wall sections of the garage assembly should be done next in the order shown. The two assemblies should then be glued together with G4 attached to the side of and underneath of H4 by W3, and G2 attached to the side of and underneath of H1 by W2 remembering to trim the top of G2 and G4 where shown on the parts description sheet so that fit under H4 & H1 respectively. If you have not been precise in your assembly you may have to adjust the position of the garage assembly to the house assembly. When these assemblies are dry, fit H5 into place by trimming where shown on the parts description sheet . If you have not already done so, cement the doors and windows into place trimming the W5 window in the area in H1 noted by the double circle so that it clears H5. Glazing material is included for all windows and doors. This can be cut to fit and cemented in place as desired. Glue roof section in place taking care to support the porch section until dry so it does not sag. Finish as above and your building is complete. Add your own touches for a building that is uniquely yours.

