THE DPM MODULAR WALL SYSTEM allows the freedom to design and build structures around your individual size and shape requirements. With interchangeable plastic Wall Sections, it is easy to create buildings of any size, shape or height. No expensive tools or special skills are required to build exactly what you need.

THE DPM MODULAR WALL SYSTEM is made up of the 13 unique Sections illustrated below. Wall Sections have 2 bays separated by a channel where a Pilaster will be glued. Adjacent Wall Sections are joined horizontally by attaching a Pilaster to adjoining edge channels. Wall Sections may be cut in half along the channel between the 2 bays. Another bay of the same height may be substituted.


NOTE: Left and right bays of Wall Sections #60104 and #60123 are not alike. They are meant to be separated and used where appropriate.

PACKAGE CONTENTS

2 ONE-Story WALL SECTIONS

3 TWO-STORY WALL SECTIONS

6 STREET/DOCK LEVEL WALL SECTIONS

CAUTION: Cutting tools recommended. Use with care.

MODELING AND CARE INFORMATION: This kit suggests the use of materials that may stain or cause damage. Take care to cover work area and clothing appropriately. Follow recommendations for use and clean up.
GENERAL MODULAR INSTRUCTIONS

Read through instructions before beginning construction.

Suggested Modeling Supplies: Hobby Knife, Solvent-based Plastic Cement, 100-grit Sandpaper, Primer, Model Paints (acrylic or enamel), Painting Tools, Tweezers, Scissors, Ruler

Optional Supplies: Flush Cutting Shears, Hobby File, Black Construction Paper, Squaring Block, Dry Transfer Decals

PLANNING

Plan your structure first. Modular Planning Packet (60191) features full-size wall section drawings for building mock-ups. To visualize the look and fit of buildings on a layout, photocopy wall section drawings in multiples, then glue to cardboard and cut out. Assemble in a variety of configurations.

IDEAS: A single story building might consist of Street/Dock Wall Sections with Cornice Sections. A two-story building might have Street/Dock Wall Sections and One-Story Section with Cornice Sections. For three stories, try Street/Dock Sections, plus Two-Story Sections and Cornice.

PRE-ASSEMBLY

1. Wash parts in warm, soapy water with a mild detergent. Rinse and let dry.
2. Remove tabs and flash with a hobby knife and sandpaper. Remove parts from sprue by scoring flush with part and snapping off. File smooth with sandpaper. Keep parts on sprue until ready to use.
3. Ejector pin flash might be found in Wall sections (Fig. 1). Sand channel so Pilaster sets flush. If Pilaster is too wide for channel, sand edges. Assemble Corner Pilasters at this time and set aside to dry. NOTE: Corner Pilasters have a beveled edge.

GENERAL WALL ASSEMBLY

Attach parts with plastic cement. Plastic cement works by dissolving dust where discoloration can occur.

LEVEL BUILDING

1. Thumbtack a piece of 100-grit sandpaper to a flat surface. Lightly sand top and bottom of Wall Assembly by drawing back-and-forth on sandpaper. This will even out any minor variations in height between Wall Sections and assure tight fit between stories. Sand Cornices and Riser Walls in same manner.
2. After Wall Assemblies are sanded, glue sections on top of each other creating multiple levels. Assemble on a flat surface.

NOTE: If you are NOT painting your model, cut and glue Clear Window Material onto backs of door and window castings. Glue windows and doors in place. Do NOT get plastic cement on visible area of Clear Window Material.

ROOF AND ROOF SUPPORTS (Fig. 5)

Roof materials are not included. We recommend .06” x .06” styrene strips (roof supports) and a .02” thick styrene sheet (roof material). These materials are available at your local hobby shop.
1. Glue strips of styrene around inside of top floor Walls between top edge of Wall and Cornice.
2. Cut roof material to size and glue to top of roof supports.

TIP! Roof hatches can be made from scrap styrene. Chimneys can be made from brass or styrene tubes.

LOADING DOCK

Use Dock Risers to create loading docks (see ideas on reverse). Join sections together or cut to shorten. Additional dock materials are not included. We recommend a .06” thick styrene sheet (loading dock floor) and a .02” thick styrene sheet and fine wire (loading dock roof). These materials are available at your local hobby shop.

PAINTING

Unpainted Modular parts have a very nice appearance. However, painting greatly enhances the look of any structure.
1. Prime and paint structure after assembly is complete.

NOTE: Windows, doors and roofs should be installed after painting.

PAINTING TIPS!

Aircraft: Paint structure with complimentary, yet contrasting colors. Color suggestion: main structure with rust and windows and doors with green.
Hand Brush: Acrylic paint works well for brush painting.
Concrete Mortar: Add a realistic mortar look by applying a Concrete Mortar Wash (formula follows). Lay Building flat so wash will spread evenly. Using a paintbrush, dab on small amounts until desired look is achieved. Sponge off excess.
Concrete Mortar Wash: Mix together 1-part acrylic paint (color suggestion: concrete or aged concrete), 12-parts rubbing alcohol, 8-parts water and 1 drop liquid dish soap.

Weathering

Airbrush: Lightly spray thinly flat black paint (color suggestion: grimy black) to areas where natural discoloration can occur (near windows, chimneys, etc.).
Chalk: Rub a dark color of pastel chalk (color suggestion: gray, black, brown, etc.) on sandpaper to create a chalk dust. Using a dry paintbrush, dab chalk dust where discoloration can occur.