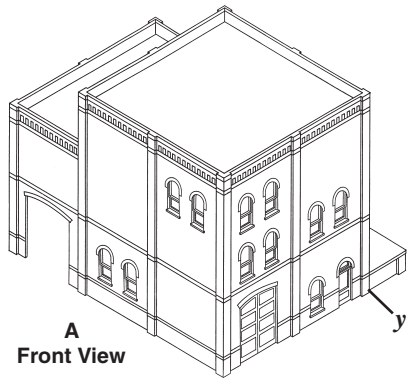
DESIGN PRESERVATION MODELS

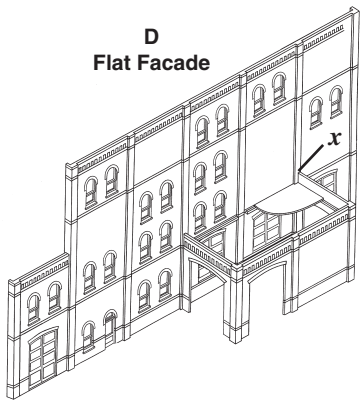
HO

MODULAR KIT

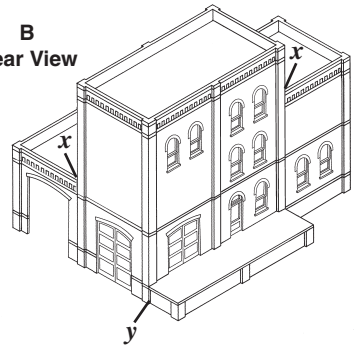
Kit #35200 contains enough pieces to model one of three buildings, three-stories in height up to 7” tall x 7 1/2” x 8 1/2” or 17” long flat facade (with or without pass-through). Add to this with other modular system parts to create an even larger structure.



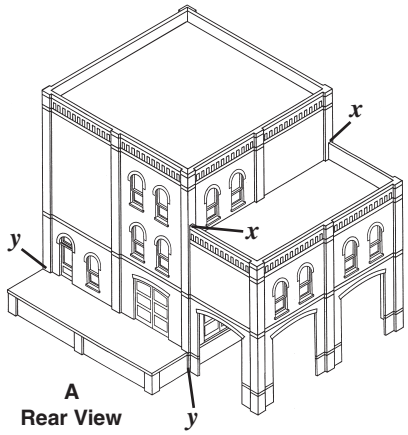
A
Front View



D
Flat Facade

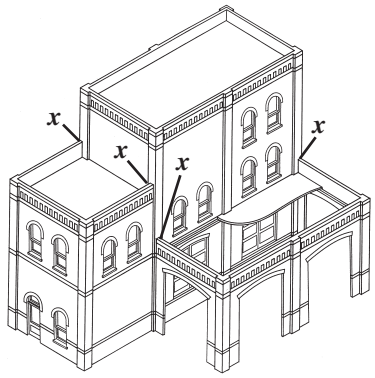


B
Rear View

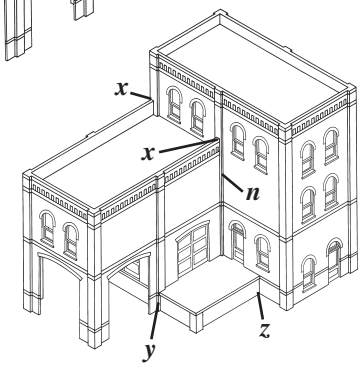


A
Rear View

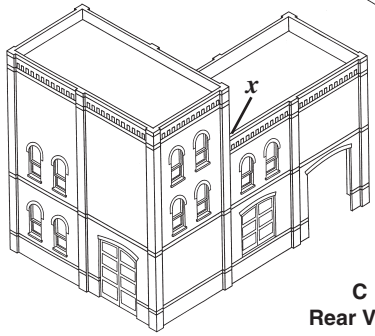
SEE OTHER SIDE TO VIEW KIT PARTS
Assemble with any plastic model cement or solvent.



B
Front View



C
Front View



C
Rear View

#35200 4-IN-1 MODULAR KIT INDUSTRY/WAREHOUSE (171 PCS)

7½ in W x 8½ in D x 7 in H (19 cm x 21.5 cm x 17.7 cm)

Woodland Scenics®
PO Box 98, Linn Creek, MO 65052
woodlandscenics.com

Item #35200

Combination Package Made in USA E9 ©1994 O CO

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LANDMARK STRUCTURES®

CAUTION: Cutting tools recommended. Use with care.

This item is not a Children's Product and is not intended for use by Children.

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

#35200 4-in-1 Modular Kit Instructions

Read the General Modular Instructions and #35200 4-in-1 Modular Kit Instructions before beginning construction. There is a lot of information you will need to complete your Modular Kit.

The General Modular Instructions explain Modular construction techniques. The techniques apply to all Modular Kits. Refer to the General Instructions as often as necessary.

Overview

There are four structures illustrated on the reverse side: A (Front and Rear Views), B (Front and Rear Views), C (Front and Rear Views) and D (Flat Facade). Build any one of these structures with the pieces in this kit (a few extra pieces will be left over no matter which building you choose).

General Construction

Walls are glued together as flat panels. Begin by gluing First-story Walls together horizontally. Next, glue Second-story Walls together, and attach them to the First-story wall section. Then, glue Third-story Walls and add that panel to the second-story panel to create an entire wall. Walls will be joined together to form the three-dimensional building after all the Flat Wall Assemblies are completed. It is important to follow the steps given in the Wall Panel Assembly and Wall Assembly sections of the General Instructions.

Note the letters "**n**", "**x**", "**y**" and "**z**" on the illustrations. The "**x**" indicates locations where the tabs must be cut or filed off Cornice pieces. The "**y**" indicates where the Dock Wall must be cut to size. The "**z**" indicates where the Dock Wall tab must be cut or filed off.

Refer to the Inside Corner drawings (Fig. 7) in the Wall Panel Assembly section in General Instructions for assembling inside corners.

Roof Supports

Follow the Roof/Roof Support method as instructed in the General Instructions Roofing section (Fig. 16).

Expansion Plans

Construct buildings exactly as shown or change the placement of wall sections to meet your specific needs. There are plenty of building possibilities with the selection of pieces included in this kit. To create larger structures, add to this kit using additional DPM HO scale Modular System pieces purchased from a local hobby or online at woodlandscenics.com.

KIT CONTENTS

1 Street Level Arched Entry (30101)
1 Street Level Freight Door (30102)
1 Dock Level Arched Window (30103)
1 Street/Dock Level Blank Wall (30104)
1 Dock Level Arched Entry (30105)
3 Dock Level Freight Door (30106)
4 Street Level Open Arch (30107)
2 Two-Story Arched 4 Window (30108)
1 Two-Story Arched 2 Window High (30109)
1 Two-Story Arched 2 Window Low (30110)
2 Two-Story Blank Wall (30111)
3 One-Story Arched Window (30112)
3 One-Story Blank Wall (30113)
3 Cornice Fancy - 8 pcs ea (30114)
1 Dock Riser Wall - 8 pcs (30115)
3 Ground Floor Pilasters - 7 pcs ea (30121)
2 Two-Story Pilasters - 7 pcs ea (30122)
2 One-Story Pilasters - 7 pcs ea (30123)
3 Windows - 8 pcs ea (30151)
6 Windows - 4 pcs ea (30152)
1 Doors - 4 pcs (30153)
1 Loading Door (30154)
3 Loading Dock Doors (30155)
2 Clear Window Material 5 in x 5 in (12.7 cm x 12.7 cm)
1 Dock Material 6 in x 1 1/2 in (15.2 cm x 3.8 cm)
2 Roof Styrene 6 in x 8 21/31 in (15.2 cm x 21.9 cm)
1 Corner Filler Stick 0.08 in x 0.08 in x 7 in (2 mm x 2 mm x 17.7 cm)
5 Corner Support Strip 0.08 in x 0.25 in x 7 in (2 mm x 6.3 mm x 17.7 cm)
General Instructions
Planning Sheets

MODELING AND CARE INFORMATION
This kit suggests the use of materials that may stain or cause damage. Take care to cover project area and clothing appropriately. Follow recommendations for use and cleanup.

CAUTION: Cutting tools recommended. Use with care.

Create interest on your layout. Add lights to your buildings quickly and easily using the Woodland Scenics® Just Plug® Lighting System.

Modeling Supplies Needed: *Hobby Knife, Plastic Cement, 120-grit Sandpaper, Primer, Model Paints (acrylic or enamel), Painting Tools, Rubber Bands, Scissors, Ruler, Black Construction Paper, Squaring Block, Roof and Trim Kit (#30190), Dry Transfer Decals.*

General Instructions

DPM® #100 and #200 Series HO Scale Kits

Read through instructions before beginning. Check kit contents. Collect additional needed supplies. Cover project area with newspaper. The **General Instructions** are the basic building techniques used to construct HO DPM Building Kits. Refer to individual Kit Instructions located on back of full-color package insert for part numbers and placement and information specific to your kit.

How to Attach Parts

Use plastic cement to glue parts. Plastic cement works by dissolving the surface of plastic and welding parts together. Be careful to avoid contact with detail on parts and visible areas on Clear Window Material. Always allow glue to set thoroughly before moving on to next construction step.

Remove Tabs and Flash

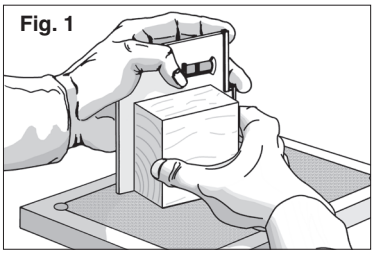
Wash parts in warm, soapy water using a mild detergent. Rinse and let dry. Use a hobby knife and sandpaper to remove excess plastic (tabs and flash) that occurred during the molding process. **Tabs:** Score (flush with part), snap off and sand smooth. **Flash:** Lightly scrape along edges to remove debris and sand smooth. Face the cutting edge of blade opposite the direction you scrape as to not cut into the part. **Sprue:** If kit has parts on a sprue, remove by scoring with a hobby knife (flush with part) and snapping off. Sand any parting lines and mold flash. Keep parts on sprue until ready to use.

Prepare Walls

Due to the molding process, some walls have beveled edges. Beveled edges need to be removed for walls to set flush and square. Sand beveled edges with 100-grit sandpaper. Kit Instructions (located on back of full-color package insert) specify which wall edges to sand. Do NOT sand edges that have detailed brickwork, unless specified. To avoid rounded edges, sand wall on a flat surface, applying even pressure.

TIP! Tack sandpaper to a flat surface, and use a "squaring block" with a 90° angle. Hold squaring block in place while sanding walls. Do not sand into detail. **(Fig. 1)**

Fig. 1



Assemble Building

Refer to the exploded view shown on Kit Instructions for wall placement and building assembly.

Begin by gluing two walls together to form a corner (example: Front Wall [1] to Right Side Wall [2]). Apply glue along the undetailed (sanded) wall edge, attaching it to the backside of detailed wall. Detail should remain visible. A squaring block is helpful for assembly. Try to line-up brickwork on adjacent walls, while keeping bottoms as level as possible. Allow glue to set before attaching next wall. Glue remaining walls together in this same manner.
TIP: Once building is assembled, use rubber bands to hold in place until set.

Entry Doors

Refer to Kit Instructions for specifics on Entry Doors. Styles of Entry Doors differ and include: Molded as part of Front Wall, Corner Entry Door and Recessed Entry Door with Side Panels.
Types of Side Panels include: Molded Side Panels or styrene Side Panel Material*.

*To make entry door side panels with styrene Side Panel Material, cut styrene strips approx. 1/4 in wide and equal with height of Entry Door. Mark height on styrene strip, score with a hobby knife and snap off. Glue to Entry Door at a slight outward angle. Check fit with Front Wall (1) while glue is flexible. Glue Entry Door assembly to Front Wall (1).

Option: Some Recessed Entry Doors can be glued flush with Front Wall. See individual kit for specifications.

Prepare Chimney or Install Chimney Backs

Refer to the Kit Instructions for information on Chimney type and proper assembly.

Molded Chimney: Glue Chimney Back(s) to molded Chimney Front(s).

One Piece Chimney: Sand Chimney Halves smooth so they fit flush, and glue together. When dry, sand top and bottom level, if necessary.

Prepare Roof

Refer to the Kit Instructions for any special directions on Roof installation.

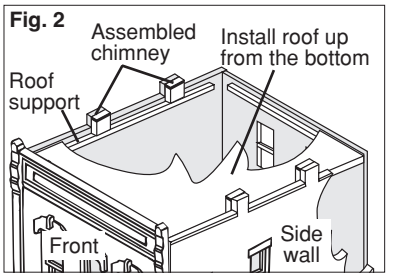
If no special instructions are given, proceed as follows. Measure the inside dimension of roof opening(s). Transfer measurements to a piece of cardstock, cardboard, etc., cut out and test fit on building. Make adjustments as needed. Once you have achieved a good fit, transfer dimensions to Styrene Plastic Sheet (white roofing sheet). Cut out using a hobby knife and a ruler. Test fit and make any adjustments. Paint Roof flat black, if desired. Glue in place according to your Chimney type (see below).

Install Roof

The Roof will be installed according to Chimney type.

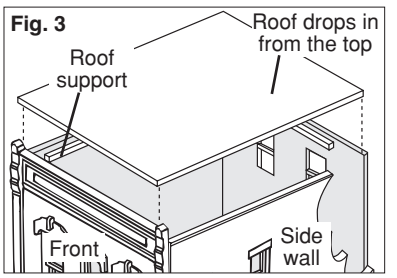
Molded Chimney with Chimney Back: Insert the Roof from the underside of building, gluing it to the bottom of the chimney back(s). Using the included Roof Support Material, cut support strips. Supports should be shorter than the width of the walls. Glue Supports to set flush on each wall and underside of Roof (where Roof and Wall meet). **(Fig. 2)**

Fig. 2



One Piece Chimney: Using the included Roof Support Material, cut roof supports. Supports should be shorter than the width of walls. Glue Supports so they are even with the Supports on other walls. If the walls are different heights, be sure the Roof sets below the top of the lowest wall. Generally, the Roof Supports should be glued about 1/8 in below the top of the lowest wall. Glue the Roof to the top of Roof Supports. **(Fig. 3)**

Fig. 3



Install One Piece Chimney (if applicable)

Glue assembled Chimney to top of Roof in desired location.

Leveling

After assembled building is set and glue is completely dry, carefully sand bottom of building until level. On thumbtacked piece of 120-grit sandpaper, carefully sand bottom of building in a circular motion to level bottom edges so it will sit level on layout. Do not sand brick detail.

Paint Building and Details

Apply a thin coat of primer before painting and let dry.

Option 1 - Airbrush: Use solvent-based, flat finish enamel paint.
Option 2 - Hand-brush: Use water-soluble, flat finish acrylic paint.
Option 3 - Aerosol: Use flat finish spray paint.

We recommend natural brick colors such as rust, tan or other earth tones. Paint door and window trim the same color as the brick or a contrasting color.

Weathering Techniques

Add a realistic mortar-look to brickwork by painting on a concrete mortar wash (formula follows). Using a paintbrush, dab on small amounts of wash until desired look is achieved. Sponge off excess.

> **Formula:** Mix 1-part acrylic paint (color suggestions: concrete or aged concrete), 12-parts rubbing alcohol, 8-parts water and 1 drop liquid dish soap.

Airbrush: Lightly spray thinned 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 suggestions: gray, black, brown, etc.) on sandpaper to create a chalk dust. Using a paintbrush, dab chalk dust where discoloration can occur.

Install Windows

Cut Clear Window Material (clear styrene) to size to fit over an entire area of window openings at one time. Center Window Material over windows on inside of building and carefully dab a small amount of glue around edges. Repeat for each set of window openings.

Finishing Touches

Give your building the illusion of being occupied. Place a piece of black construction paper diagonally from corner-to-corner inside the building to block the light.

Detail the Roof by adding vents and hatches from the Roof and Trim Kit (#30190).

Enhance your building with Dry Transfer Decals for windows and wall signs.