



SECTION 06470

PLASTIC SHUTTERS AND ACCESSORIES

*Copyright 2017 – The Tapco Group*

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Exterior shutters.
- B. Exterior shutter hardware.
- C. Arch tops.
- D. Transom tops.

1.2 RELATED SECTIONS

- A. Section 09 90 00 - Painting and Coating.

1.3 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Shop Drawings: Show materials, layout, dimensions, profiles, fasteners and anchors, hardware, finishes, and interface with adjacent construction.
- C. [ Product Data ]: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- D. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened packaging, with labels

clearly identifying product name and manufacturer.

- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- D. Protect materials during handling and installation to prevent damage.

#### 1.5 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

#### 1.6 WARRANTY

- A. Provide with a Limited Lifetime warranty against cracking, splitting or fading.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Mid-America Siding Components - The Tapco Group
  
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

#### 2.2 SHUTTERS

- A. Standard Open Louver Shutters: Mid-America Cathedral Open Louver Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color
  - 1. Width:
    - a. 12 inch (305 mm).
    - b. 14-1/2 inch (368 mm).
  - 2. Length:
    - a. 25 inch (635 mm).
    - b. 31 inch (787 mm).
    - c. 36 inch (914 mm).
    - d. 39 inch (991 mm).
    - e. 43 inch (1092 mm).
    - f. 48 inch (1219 mm).
    - g. 52 inch (1321 mm).
    - h. 55 inch (1397 mm).
    - i. 60 inch (1524 mm).
    - j. 64 inch (1626 mm).
    - k. 67 inch (1702 mm).
    - l. 72 inch (1829 mm).
    - m. 75 inch (1905 mm).
    - n. 80 inch (2032 mm).
  - 3. Colors:
    - a. 001 White.
    - b. 002 Black.

- c. 004 Wedgewood Blue.
- d. 008 Clay.
- e. 009 Federal Brown.
- f. 010 Musket Brown.
- g. 018 Tuxedo Gray.
- h. 023 Wicker.
- i. 027 Burgundy Red.
- j. 028 Forest Green.
- k. 036 Classic Blue.
- l. 078 Wineberry.
- m. 117 Bright White.
- n. 122 Midnight Green.
- o. 166 Midnight Blue.
- p. 167 Bordeaux.
- q. 030 Paintable
- r..

B. Standard Raised Panel Shutters: Mid-America Raised Panel Master Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color

- 1. Width:
  - a. 12 inch (305 mm).
  - b. 14-3/4 inch (374 mm).
- 2. Length:
  - a. 31 inch (787 mm).
  - b. 35 inch (889 mm).
  - c. 39 inch (991 mm).
  - d. 43 inch (1092 mm).
  - e. 47 inch (1194 mm).
  - f. 51 inch (1295 mm).
  - g. 55 inch (1397 mm).
  - h. 59 inch (1499 mm).
  - i. 63 inch (1600 mm).
  - j. 67 inch (1702 mm).
  - k. 67 inch (1702 mm) Cottage Style.
  - l. 71 inch (1803 mm).
  - m. 75 inch (1905 mm).
  - n. 80 inch (2032 mm).
- 3. Colors:
  - a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.
  - l. 078 Wineberry.
  - m. 117 Bright White.
  - n. 122 Midnight Green.
  - o. 166 Midnight Blue.
  - p. 167 Bordeaux.
  - q. 030 Paintable.

C. Standard Board-N-Batten Shutters: Mid-America Board-N-Batten Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color.

1. Width:
  - a. 12 inch (305 mm) three-board spaced.
  - b. 14 inch (356 mm) four-board joined.
  - c. 14 inch (356 mm) Four Board Joined with Arch Top
2. Length:
  - a. 31 inch (787 mm).
  - b. 35 inch (889 mm).
  - c. 39 inch (991 mm).
  - d. 43 inch (1092 mm).
  - e. 45 inch (1143 mm) Four Board Joined with Arch Top only.
  - f. 47 inch (1194 mm).
  - g. 49 inch (1245 mm) Four Board Joined with Arch Top only.
  - h. 51 inch (1295 mm).
  - i. 53 inch (1346 mm) Four Board Joined with Arch Top only.
  - j. 55 inch (1397 mm).
  - k. 57 inch (1448 mm) Four Board Joined with Arch Top only.
  - l. 59 inch (1499 mm).
  - m. 61 inch (1549 mm) Four Board Joined with Arch Top only.
  - n. 63 inch (1600 mm).
  - o. 65 inch (1651 mm) Four Board Joined with Arch Top only.
  - p. 67 inch (1702 mm).
  - q. 69 inch (1753 mm) Four Board Joined with Arch Top only.
  - r. 71 inch (1803 mm).
  - s. 73 inch (1854 mm) Four Board Joined with Arch Top only.
  - t. 75 inch (1905 mm).
  - u. 77 inch (1956 mm) Four Board Joined with Arch Top only.
  - v. 80 inch (2032 mm).
  - w. 81 inch (2057 mm) Four Board Joined with Arch Top only.
  - x. 85 inch (2159 mm) Four Board Joined with Arch Top only.
  - y. 89 inch (2261 mm) Four Board Joined with Arch Top only.
  - z. 94 inch (2388 mm) Four Board Joined with Arch Top only.
3. Colors:
  - a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.
  - l. 078 Wineberry.
  - m. 117 Bright White.
  - n. 122 Midnight Green.
  - o. 166 Midnight Blue.
  - p. 167 Bordeaux.
  - q. 030 Paintable.

D. Specialty Louver Shutters: Mid-America Specialty Louver Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color

1. Custom Styles:

- a. L1 Cathedral Top Center Mullion.
  - b. L2 Straight Top Center Mullion.
  - c. L3 Cathedral Top Offset Mullion.
  - d. L4 Straight Top Offset Mullion.
  - e. L5 Cathedral Top All Louver.
  - f. L6 Straight Top All Louver.
2. Width:
- a. 9-1/4 inch (235 mm).
  - b. 11 inch (279 mm).
  - c. 12 inch (305 mm).
  - d. 14-1/2 inch (368 mm).
  - e. 16-1/2 inch (419 mm).
  - f. 18 inch (457 mm).
  - g. L2: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - h. L3: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - i. L4: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - j. L5: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - k. L6: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
3. Colors:
- a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.
  - l. 078 Wineberry.
  - m. 117 Bright White.
  - n. 122 Midnight Green.
  - o. 166 Midnight Blue.
  - p. 167 Bordeaux.
  - q. 030 Paintable

E. Specialty Raised Panel Shutters: Mid-America Specialty Raised Panel Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color

1. Custom Styles:
- a. P1, One Panel.
  - b. P2, 2 Panels Equal.
  - c. P3, 2 Panels Unequal.
  - d. P4, 3 Panels Equal.
  - e. P5, 3 Panels, Small Center.
  - f. P6, 3 Panels Small Top.
2. Width:
- a. 9-1/4 inch (235 mm).
  - b. 12 inch (305 mm).
  - c. 14-1/2 inch (368 mm).
  - d. 16-1/2 inch (419 mm).
  - e. 18 inch (457 mm).
3. Length:
- a. P1: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - b. P2: \_\_\_\_\_ inches (\_\_\_\_\_ mm).

- c. P3: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - d. P4: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - e. P5: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  - f. P6: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
4. Colors:
- a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.
  - l. 078 Wineberry.
  - m. 117 Bright White.
  - n. 122 Midnight Green.
  - o. 166 Midnight Blue.
  - p. 167 Bordeaux.
  - q. 030 Paintable.

F. Specialty Louver-Panel Combination Shutters: Mid-America Specialty Louver-Panel Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color

- 1. Custom Styles:
  - a. LP1, Upper Louver/Lower Panel, Cathedral Top.
  - b. LP2, Upper Louver/Lower Panel, Straight Top.
- 2. Width:
  - a. 9-1/4 inch (235 mm).
  - b. 12 inch (305 mm).
  - c. 14-1/2 inch (368 mm).
  - d. 16-1/2 inch (419 mm).
  - e. 18 inch (457 mm).
- 3. Length:
  - a. \_\_\_\_\_ inches (\_\_\_\_\_ mm).
- 4. Colors:
  - a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 016 Light Gray.
  - h. 018 Tuxedo Gray.
  - i. 023 Wicker.
  - j. 027 Burgundy Red.
  - k. 028 Forest Green.
  - l. 036 Classic Blue.
  - m. 078 Wineberry.
  - n. 117 Bright White.
  - o. 122 Midnight Green.
  - p. 166 Midnight Blue.
  - q. 167 Bordeaux.
  - r. 030 Paintable.

- G. Specialty Board-N-Batten Shutters: Mid- Specialty Board-N-Batten Shutters fabricated of maintenance-free, UV-stabilized polypropylene copolymer with molded-through color
1. Custom Styles:
    - a. Joined J2, 7 inch Two Board.
    - b. Joined J3, 10-1/2 inch Three Board.
    - c. Joined J4, 14 inch Four Board.
    - d. Joined J4-A, 14 inch Four Board Joined with Arch Top.
    - e. Joined J5, 17-1/2 inch Five Board.
    - f. Spaced S2, 7-3/4 inch Two Board.
    - g. Spaced S3, 12 inch Three Board.
    - h. Spaced S4, 16-1/2 inch Four Board.
    - i. Spaced S5, 20-1/2 inch Five Board.
  2. Width:
    - a. 7 inch (178 mm).
    - b. 10-1/2 inch (267 mm).
    - c. 14 inch (356 mm).
    - d. 14 inch (356 mm). Four Board Joined with Arch Top.
    - e. 17-1/2 inch (445 mm).
    - f. 7-3/4 inch (197 mm).
    - g. 12 inch (305 mm).
    - h. 16-1/2 inch (419 mm).
    - i. 20-1/2 inch (521 mm).
  3. Length:
    - a. \_\_\_\_\_ inches (\_\_\_\_\_ mm).
    - b. J4-A: \_\_\_\_\_ inches (\_\_\_\_\_ mm).
  4. Colors:
    - a. 001 White.
    - b. 002 Black.
    - c. 004 Wedgewood Blue.
    - d. 008 Clay.
    - e. 009 Federal Brown.
    - f. 010 Musket Brown.
    - g. 018 Tuxedo Gray.
    - h. 023 Wicker.
    - i. 027 Burgundy Red.
    - j. 028 Forest Green.
    - k. 036 Classic Blue.
    - l. 078 Wineberry.
    - m. 117 Bright White.
    - n. 122 Midnight Green.
    - o. 166 Midnight Blue.
    - p. 167 Bordeaux.
    - q. 030 Paintable.

### 2.3 Shutter Accessories

- A. Quarter Round Arch Tops.:
1. Styles Available:
    - a. Raised Panel, 14-3/4 inch (375 mm) in width.
    - b. Raised Panel, 12 inches (305 mm) in width.
    - c. Open Louver, 14-1/2 inches (368 mm) in width, by 17 inches (432 mm) in height.
    - d. Solid, 14-1/2 inches (368 mm) in width.
  2. Colors:
    - a. 001 White.

- b. 002 Black.
- c. 004 Wedgewood Blue.
- d. 008 Clay.
- e. 009 Federal Brown.
- f. 010 Musket Brown.
- g. 018 Tuxedo Gray.
- h. 023 Wicker.
- i. 027 Burgundy Red.
- j. 028 Forest Green.
- k. 036 Classic Blue.
- l. 078 Wineberry.
- m. 117 Bright White.
- n. 122 Midnight Green.
- o. 166 Midnight Blue.
- p. 167 Bordeaux.
- q. 030 Paintable.

B. Transom Top Add-On:

- 1. Styles Available:
  - a. Raised Panel, 14-3/4 inches (375 mm) in width, by 11-3/4 inch (298 mm) high.
- 2. Colors:
  - a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.
  - l. 078 Wineberry.
  - m. 117 Bright White.
  - n. 122 Midnight Green.
  - o. 166 Midnight Blue.
  - p. 167 Bordeaux.
  - q. 030 Paintable.

C. Elliptical Add-On:

- 1. Styles Available:
  - a. Raised Panel, 14-3/4 inches (375 mm) in width, by 6 inches (152 mm) in height.
- 2. Colors:
  - a. 001 White.
  - b. 002 Black.
  - c. 004 Wedgewood Blue.
  - d. 008 Clay.
  - e. 009 Federal Brown.
  - f. 010 Musket Brown.
  - g. 018 Tuxedo Gray.
  - h. 023 Wicker.
  - i. 027 Burgundy Red.
  - j. 028 Forest Green.
  - k. 036 Classic Blue.



- l. 078 Wineberry.
- m. 117 Bright White.
- n. 122 Midnight Green.
- o. 166 Midnight Blue.
- p. 167 Bordeaux.
- q. 030 Paintable.

D. Fasteners:

- 1. Shutter-Lok fasteners, 3 inches (76 mm) long, color coordinated to match adjacent shutter. Suitable for any surface.
- 2. Painted Screws, 3 inches (76 mm) long, color coordinate to match adjacent shutter.

E. Decorative Hinges and S-Hooks.:

- 1. Flat Hinge: With a matte black finish.
- 2. S Hook: With a matte black finish.

### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
- C. Commencement of work will imply acceptance of substrate.

#### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surface using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

#### 3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Paint in accordance with manufacturer's recommended instructions. Contact manufacturer for recommended paint and shutter surface preparation.

#### 3.4 PROTECTION

- A. Protect installed products from damage by weather and other work until Date of Substantial Completion.
- B. Touch-up and repair damaged products before Date of Substantial Completion.

END OF SECTION