

# Custom Shelter Shutters Specification

Division 12 – Furnishings

Section 122300 – Vinyl Shutters

## Part 1 – General

### 1.01 SCOPE

A. SUPPLIER: Furnish and install Shelter Shutters TM US Pat. No. 9,243,445

### 1.02 REFERENCES

A. FLAME-RESISTANT MATERIALS SHALL PASS OR EXCEED ONE OR MORE OF THE FOLLOWING TESTS:

- National Fire Protection Association (NFPA) 701 (small scale for horizontal applications)
- ASTM E84
- UL 723: Class I or A
- California Administrative Code Title 19
- Federal Standard 191 Method 5903 (used by Port Authority of New York and New Jersey for drapery, curtain, and upholstery material)
- Boston Fire Department Test BFD IX-1
- New York State Uniform Fire Prevention and Building Code.

### 1.03 SUBMITTALS

A. PRODUCT DATA: Manufacturer's descriptive literature shall be submitted indicating sizes, quantities and installation instructions and verifying that product meets requirements specified. Manufacturers recommendations for maintenance and cleaning shall be included.

B. DRAWINGS AND DIAGRAMS: Diagrams of any components or units, working and assembly drawings shall be supplied as requested.

C. SAMPLE: Responsible contracting officer or agent shall supply one sample shutter of each type specified in this contract for approval. Supplied units shall be furnished complete with all required components, mounting and associated hardware, instructions and warranty.

### 1.04 QUALITY ASSURANCE:

A. SUPPLIER: Manufacturer, subsidiary or licensed agent shall be approved to supply the products specified, and to honor any claims against product presented in accordance with warranty.

B. INSTALLER: Installer or agent shall be qualified to install specified products by prior experience, demonstrated performance and acceptance of requirements of manufacturer, Installer shall be responsible for an acceptable installation.

### 1.05 DELIVERY, STORAGE AND HANDLING:

A. Product shall be delivered to site in manufacturer's original packaging.

B. Product shall be handled and stored to prevent damage to materials.

### 1.06 JOB CONDITIONS:

A. Prior to Shutter installation, building shall be enclosed.

### 1.07 WARRANTY:

A. Five Year Warranty. Product warranties available from manufacturer or its authorized agent.

## PART 2 – Products

### 2.01 ACCEPTABLE MANUFACTURER

A. **Belmar Shade and Blind Inc. t/a Shelter Shutters / 703 Main St., Belmar, NJ 07719 / Phone: 732-681-4900 Fax: 732-280-8929/ Website: [www. sheltershutters.com](http://www.sheltershutters.com),**

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## 2.02 SHELTER SHUTTERS

- A. PRODUCT: **Shelter Shutters** US Pat. No. 9,243,445
- B. MATERIALS:
  - 1. FR 4MM CORRUGATED VINYL
  - 2. Standard NFPA 701 compliant flame retardant corrugated vinyl. Constructed to prevent accidental movement. Finish to be standard impregnated color throughout.
  - 3. NFPA Standard 701 compliant flame retardant

## 2.03 FABRICATION

- A. Shutter measurements shall be accurate to within  $\pm 1/4$ " or as recommended in writing by manufacturer.

## 2.04 FINISHES

- A. Two standard color options are available: White (Translucent) or Black (opaque) The material resists scratches and the color runs completely through the material.

## PART 3 - EXECUTION

### 3.01 INSPECTION:

- A. INSTALLER shall be responsible for inspection on site, approval of mounting surfaces, installation conditions and field measurement for this work.
- B. OTHER INTERACTING TRADES shall receive drawings of shutters, dimensions, assembly and installation methods from Shelter Shutters upon request.

### 3.02 INSTALLATION:

- A. INSTALLATION shall comply with manufacturer's specifications, standards and procedures as detailed on installation instructions.
- B. ADEQUATE SPACERS shall be provided to permit unencumbered operation of shutter.
- C. CLEAN finish installation of dirt and finger marks. Leave work area clean and free of debris.

### 3.03 DEMONSTRATION:

- A. Demonstrate operation method and instruct responsible personnel in the proper operation and maintenance of the blinds.