

Graber® CrystalPleat® 3/8" Double Cell FR Cellular Shades

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Furnish and install Graber® CrystalPleat® FR Cellular Shades, provided by Springs Window Fashions LLC, 7549 Graber Road, Middleton, WI 53562 in accordance with specifications, drawings and contract documents.

1.02 SUBMITTALS

- A. Manufacturer's complete CSI 3-part specification sheet.
- B. Product Sample: Submit working hand sample or mock up shade as required.
- C. Color Sample: Submit two 6" samples of fabric indicating color and dimensions.

1.03 DELIVERY, STORAGE AND HANDLING

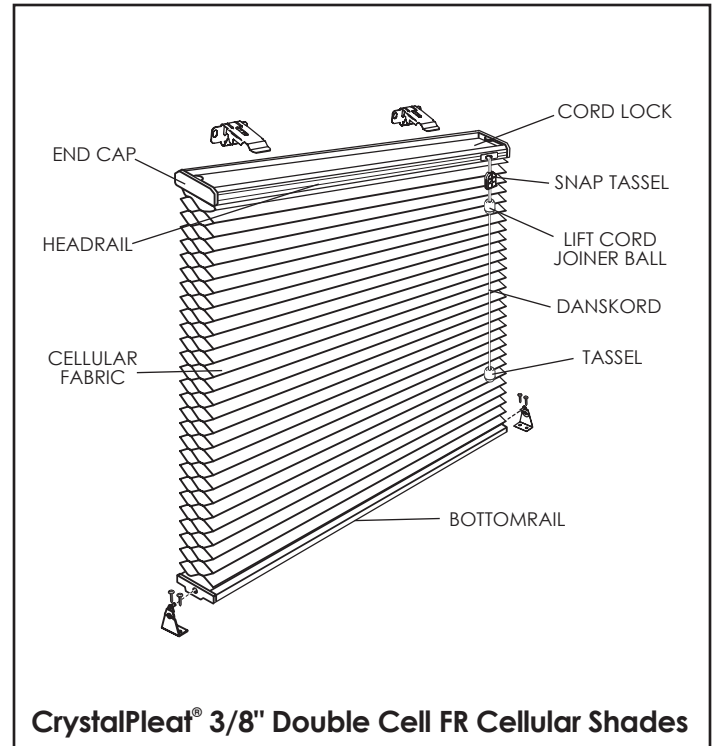
- A. Product to be delivered to jobsite in manufacturer's original packaging.
- B. Products to be handled and stored to prevent damage to materials, finishes and operating mechanisms. Store in a clean, dry area, laid flat to prevent sagging and twisting of packaging.

1.04 PROJECT / SITE CONDITIONS

- A. Building shall be enclosed; and windows, frames and sills shall be installed and glazed.
- B. Wet work shall be complete and dry.
- C. Ceilings, window pockets, electrical and mechanical work above window covering shall be complete.
- D. Electrical power (110 volt AC) shall be available for installer's tools within 500 feet of product installation areas.

1.05 QUALITY ASSURANCE

- A. 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 shall be qualified to install specified products by prior experience and approved by Springs Window Fashions LLC (SWF). Installer shall be responsible for acceptable installation in accordance with instructions published by SWF.



1.06 LIMITED LIFETIME WARRANTY

- A. Springs Window Fashions LLC (SWF) warrants the headrail against original defects in materials or workmanship for the life of the shade and the fabric for three years. SWF does not warrant damage due to accidents, misuse, abuse, improper installation, alterations or improper cleaning. Detailed specifics of the warranty are available upon request.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Springs Window Fashions LLC or architect approved equal.
- B. Substitutions Request: Submit for approval under provisions of section 01600.

2.02 CELLULAR SHADES

- A. **Product: Graber® CrystalPleat® 3/8" Double Cell FR Cellular Shades**
 - a. **Headrail** shall be 0.665" high x 1.540" deep extruded aluminum headrail with a wall thickness of 0.045" and painted to coordinate with fabric color.

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- b. **Cord lock** shall be a snap-in design of injection molded thermoplastic incorporating a metal, free-floating, serrated cord locking roller.
- c. **Lift cord** shall be 1.2mm polyester and concealed for a clean appearance. A snap tassel and joiner ball connect to a single Danskord for raising and lowering the shade. Cord, tassel and joiner ball are color coordinated with fabric.
- d. **Fabric** shall be flame retardant 3/8" double cell construction. Fabric shall be 100% point bond polyester offering semi-opaque privacy and an R-Value of 2.90. Fire retardant fabrics pass NFPA-701 and California requirements for FR performance.
- e. **Installation brackets** shall be low profile, hidden snap-in design made of 0.025" zinc-plated spring steel.
- f. **Bottomrail** shall be 0.36" high x 1.54" deep extruded aluminum with a wall thickness of 0.045" and painted to coordinate with fabric color.
- g. **Options** shall include:
 - i. Continuous cord loop lift system
 - ii. Bottom up/top down
 - iii. Multiple shades on one headrail

2.03 Fabrication

- A. Shades shall be fabricated according to specifications and accurate to tolerance established by SWF engineering standards.

Part 3 – EXECUTION

3.01 Inspection

- A. Installer shall be responsible for inspection of jobsite, approval of mounting surfaces, verification of field measurements and installation conditions. Installation shall commence when satisfactory conditions are met.

3.02 Installation

- A. Install shades in accordance with manufacturer's instructions including recommended support brackets and fasteners.
- B. Install shades with adequate clearance to permit smooth operation of the shades. Demonstrate blinds to be in smooth, uniform working order.

3.03 Maintenance and Cleaning

- A. Clean fabric regular dusting or vacuum with a soft brush attachment. Do not use cleaning methods involving heat, bleach, abrasives, or solvents. Use of these methods will void the warranty.