



## The Strongest, Most Economical Patio Enclosures, Nationwide

Southern Patio Enclosures designs and delivers commercial-grade patio enclosure systems that maximize usable space, extend operating seasons, and protect guests from changing weather conditions.

Our systems are engineered to endure demanding environments while allowing patios to transition quickly between open-air and enclosed use. The result is improved customer comfort, increased seating capacity, and greater operational efficiency.

### Why Southern Patio Enclosures

#### Commercial Partner

Technical collaboration with owners, builders, and architects from design through installation.

#### Nationwide Service

Service and installation support available across the United States.

#### Superior Product

Custom-engineered, commercial-grade enclosure systems built for demanding environments.

#### Proven Experience

Over 50 years of combined industry experience delivering reliable patio enclosure solutions.

# MOTORIZED ENCLOSURES

Our Motorized Patio Enclosures are easy and quick to operate, built to be as seamless and invisible as possible and deploy quickly with the push of a button. This allows you to protect your customers on a moment's notice without interrupting their experience.

Surrounded by all metal housing and tracks, our enclosures include thick rope welting sides that slide into the side tracks like the mainsail on a sailboat. This locks the curtain into its tracks where it cannot slip out under wind pressures like our competitors' motorized zippered systems would. With a reinforced roll tube across the top and the heaviest bottom weight bar in the industry, we are able to expand the size of our curtains larger than any of our competitors.



**Vinyl Options**

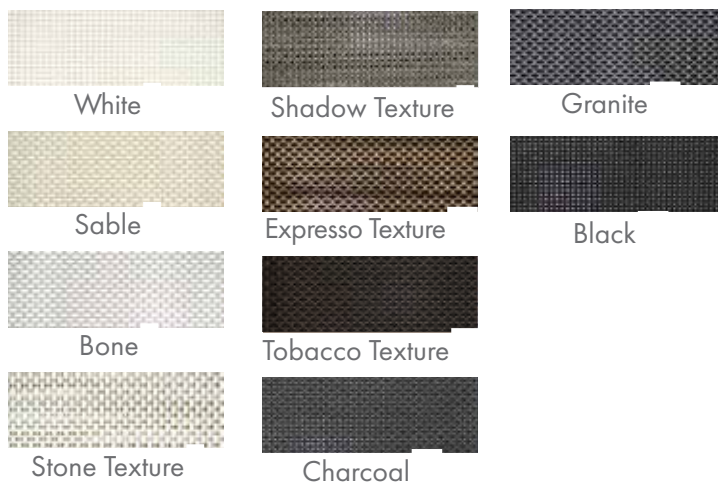


**Sun Shade Options**

## Vinyl Color Options



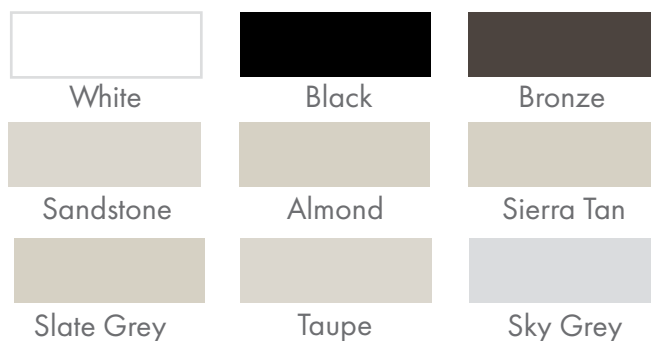
## Sun Shade Colors



## Aluminum Hood



## Aluminum Powder Coating



# MOTORIZED ENCLOSURE COMPARISON CHART

|                                   |  SOUTHERN PATIO ENCLOSURES                                                                                                                                  | COMPETITORS                                                                                                                                                                                                                                                                                                     |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wind Strength</b>              | <b>Rated at 65 mph</b> <ul style="list-style-type: none"> <li>Commonly will withstand up to 85 mph* on smaller (8x10) openings.</li> </ul>                                                                                                   | <b>Often fail between 30-45 mph</b>                                                                                                                                                                                                                                                                             |
| <b>Curtain/Track Articulation</b> | <b>Keder System</b> <ul style="list-style-type: none"> <li>Curtain edges held tightly in track with Keder</li> <li>Virtually 100% stay-put assurance</li> <li>Allows for higher wind rating</li> </ul>                                       | <b>Zipper Track or Cable System</b> <ul style="list-style-type: none"> <li>Less stable, less secure hold</li> <li>Curtains more likely to pop out, causing safety concerns for staff &amp; restaurant patrons</li> <li>Cable system gaps at the sides allowing debris, wind, rain to enter enclosure</li> </ul> |
| <b>Track Components</b>           | <b>Powder Coated Aluminum</b> <ul style="list-style-type: none"> <li>Long-lasting, stronger material</li> <li>More secure in wind</li> <li>Allows for higher wind rating</li> </ul>                                                          | <b>Plastic or Thin Gage Metal</b> <ul style="list-style-type: none"> <li>More susceptible to wind damage</li> <li>Less durable over time</li> </ul>                                                                                                                                                             |
| <b>Panel Size</b>                 | <b>Up to 25' wide or 16' high**</b> <ul style="list-style-type: none"> <li>Allows for ultimate safety and aesthetics</li> <li>More flexibility with custom designs</li> <li>Reinforced tube allows for wider &amp; taller curtain</li> </ul> | <b>Max 12' wide and 12' high</b> <ul style="list-style-type: none"> <li>More seams showing</li> <li>Less stability and strength</li> <li>Unreinforced tube limits height &amp; width</li> </ul>                                                                                                                 |
| <b>Window Size</b>                | <b>Up to 23' wide or 9' high**</b> <ul style="list-style-type: none"> <li>MaxView curtain option allows for largest window in the industry</li> <li>Bigger, clearer windows than competitors</li> </ul>                                      | <b>Max 4'6" high</b> <ul style="list-style-type: none"> <li>Smaller windows</li> <li>Less pleasing patio views</li> </ul>                                                                                                                                                                                       |
| <b>Fabric</b>                     | <b>Vinyl</b> <ul style="list-style-type: none"> <li>Made for strength</li> <li>Handles weather and friction better than cloth fabric</li> </ul>                                                                                              | <b>Cloth</b> <ul style="list-style-type: none"> <li>Often deteriorates from sun and abrasion</li> <li>Even premium canvas brands only last 5 years</li> </ul>                                                                                                                                                   |
| <b>Seams</b>                      | <b>Welded Seams</b> <ul style="list-style-type: none"> <li>Vinyl-to-vinyl construction</li> <li>Reinforced strength at highest stress points</li> <li>See-through clear-to-clear seams</li> <li>Bar Welder / Sonic Weld</li> </ul>           | <b>Stitched Seams or Lower-Quality Weld</b> <ul style="list-style-type: none"> <li>Stitched perforations (like notebook paper) causes rips in even slight winds</li> <li>Rolling Heat Sealer can cause clouding or bubbling in seam</li> </ul>                                                                  |
| <b>Service</b>                    | <b>Nationwide Service</b> <ul style="list-style-type: none"> <li>Service provided after the sale</li> <li>Multi-unit customers able to standardize product over multiple locations</li> </ul>                                                | <b>Regional Service</b> <ul style="list-style-type: none"> <li>Smaller, local companies</li> <li>Unable to standardize product over multiple locations due to geographic limitations</li> </ul>                                                                                                                 |

\*Shades are wind tested up to 110 mph

\*\*Speak to your sales representative about options for taller or wider openings

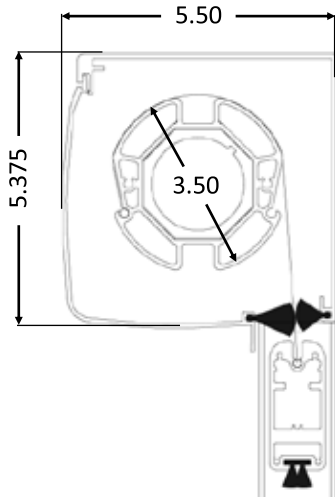
- 
- Technical drawing of the 100 Series Track System components and dimensions:
- Top Panel (Bottom):** Dimensions include 2.875, 3.12, 3.5, 5.50, and 6.00.
  - Bottom Panel:** Dimensions include 3.5, 4.00, 5.50, and 6.00.
  - Recessed Panel:** Dimensions include 3.5, 5.50, and 6.00.
  - U Channel (Inside Mount Applications):** Dimensions include 3.5, 5.50, and 6.00.
  - Main Track w/ Keder Insert:** Dimensions include 3.5, 5.50, and 6.00.
  - Weight:** Dimensions include 3.5, 5.50, and 6.00.

# Motorized Enclosures

## SYSTEM OVERVIEW

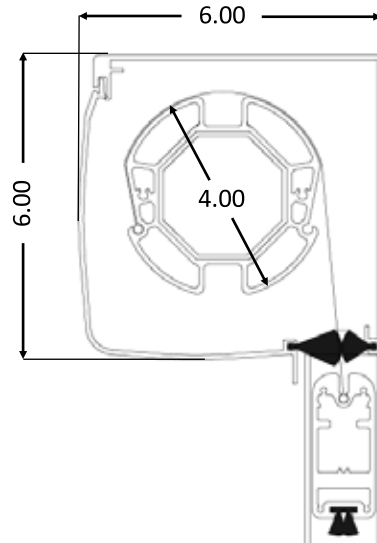
### SERIES 5

192" WIDTH X 120" HEIGHT



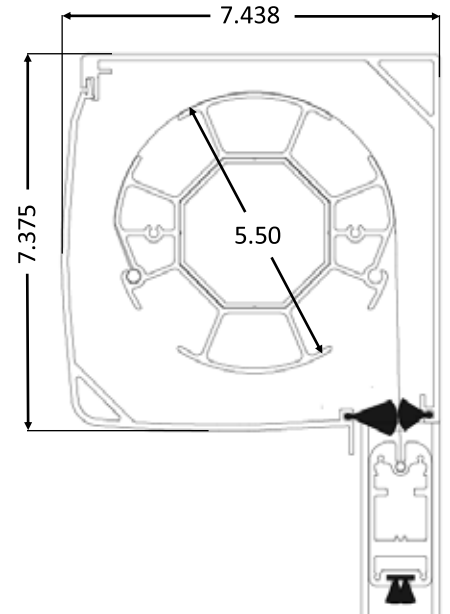
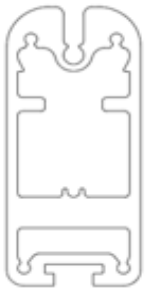
### SERIES 6

240" WIDTH X 144" HEIGHT

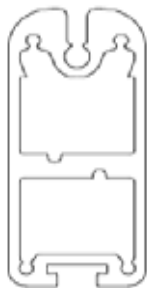


### SERIES 7

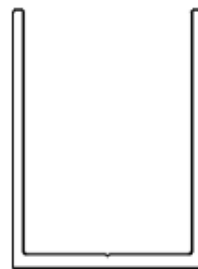
300" WIDTH X 192" HEIGHT



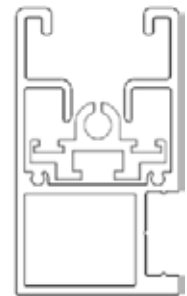
Heavy Duty  
Bottom Bar



Double Weight  
Bottom Bar



U Channel  
(Inside Mount  
Applications)



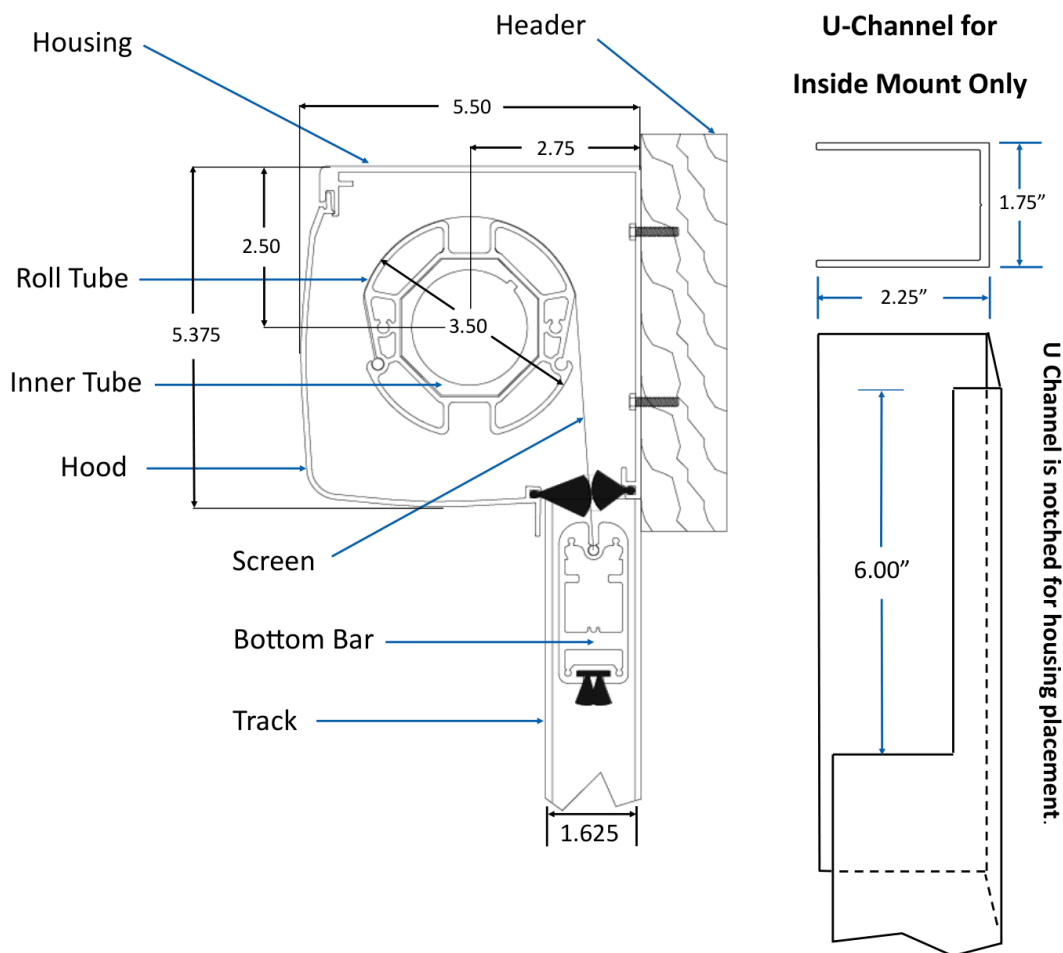
Main Track w/  
Keder Insert

## Product Features

- ★ Keder retention track system is the strongest on the market.
- ★ All aluminum track insert-no wearing parts.
- ★ Shades were wind tested up to 110 mph.
- ★ Flexible inner track for proper shade deployment.
- ★ Heavy duty weight bar plus a double weight bar for smaller shades.
- ★ 1 1/2" bottom bar brush.
- ★ Reinforced fabric flag corner for additional strength.
- ★ 3 Housing sizes for shades from 3 ft up to 25 ft in width and up to 16 ft in height.
- ★ Hood and housing brush for self cleaning.
- ★ 8 standard stock colors.
- ★ Stylish hood to match any décor.
- ★ Able to handle sloping patios
- ★ Specializing in clear vinyl windows.

# SERIES 5 HOUSING

## FACE MOUNT (FM)



## Notes:

Series 5 – 192" Max Width 120" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

### U-Channel – Inside mount

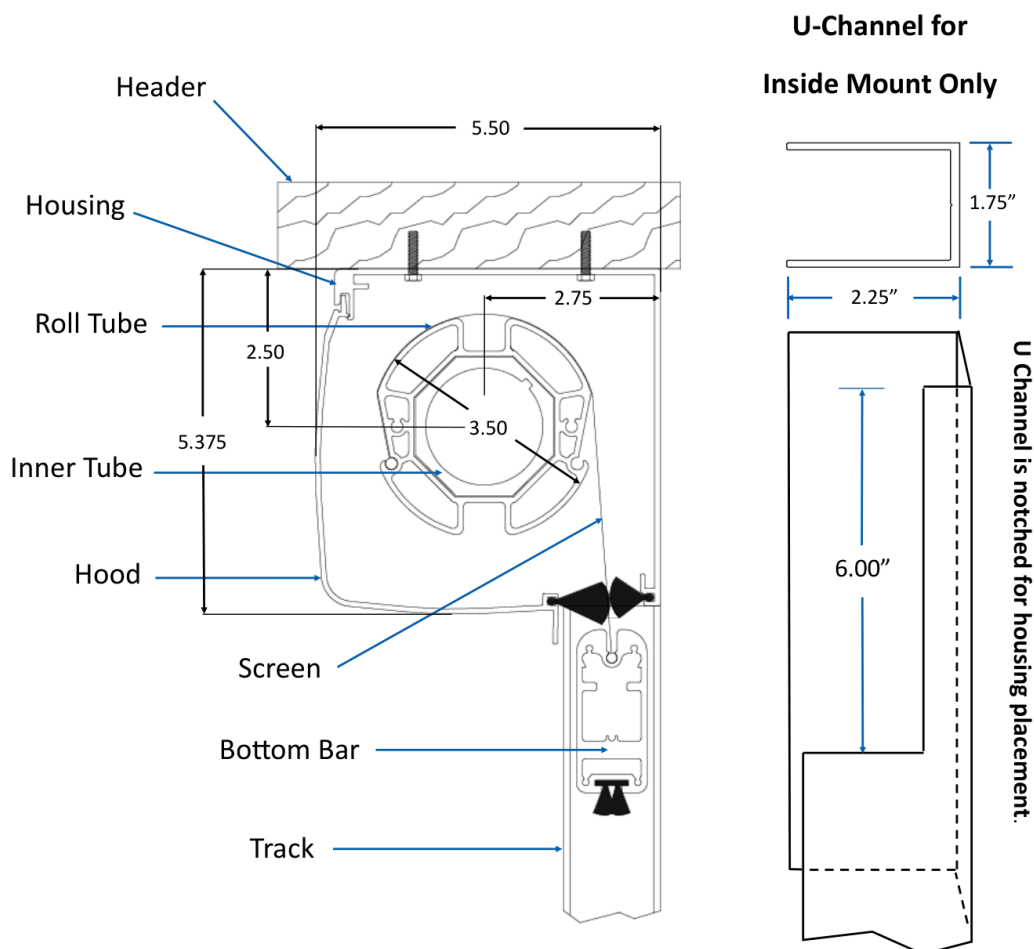
- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 5 HOUSING

## TOP MOUNT (TM)



## Notes:

Series 5 – 192" Max Width 120" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

### U-Channel – Inside mount

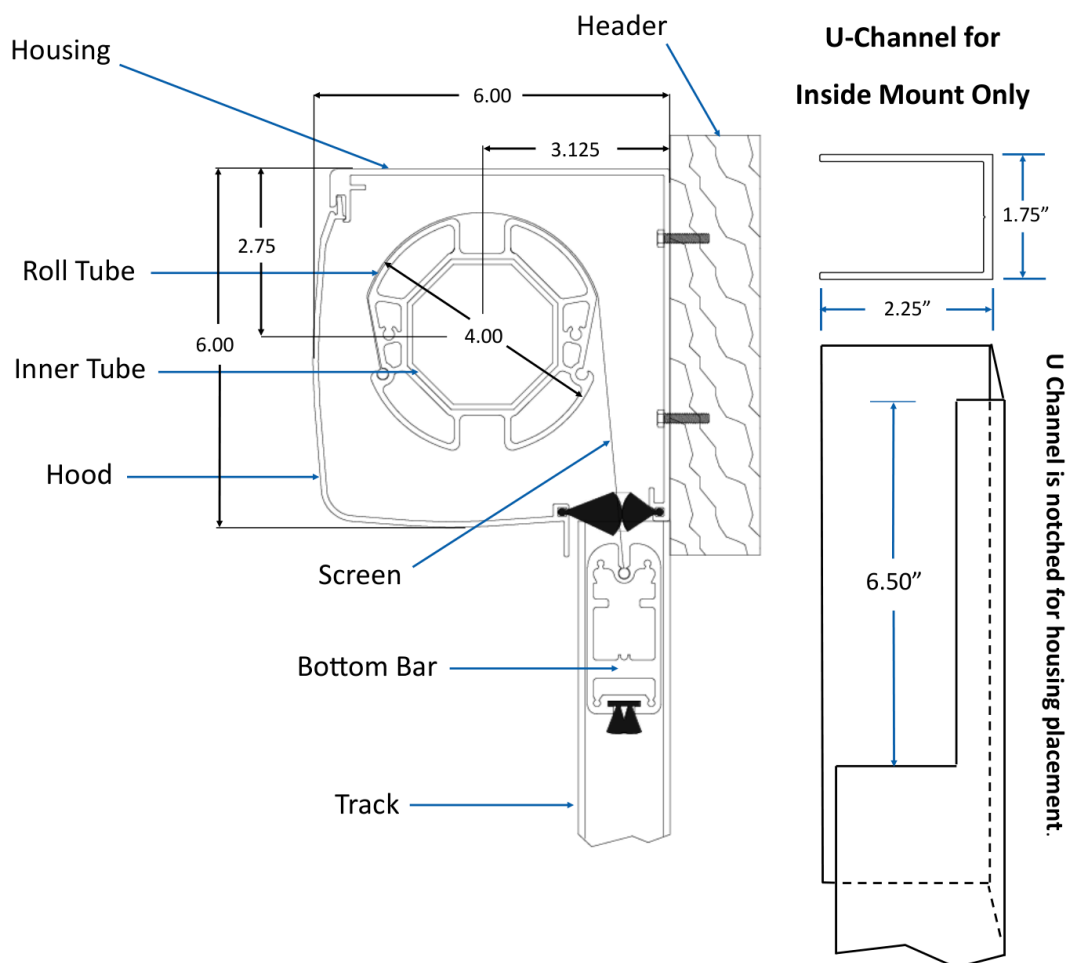
- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 6 HOUSING

## FACE MOUNT (FM)



## Notes:

Series 6 – 240" Max Width 144" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

### U-Channel – Inside mount

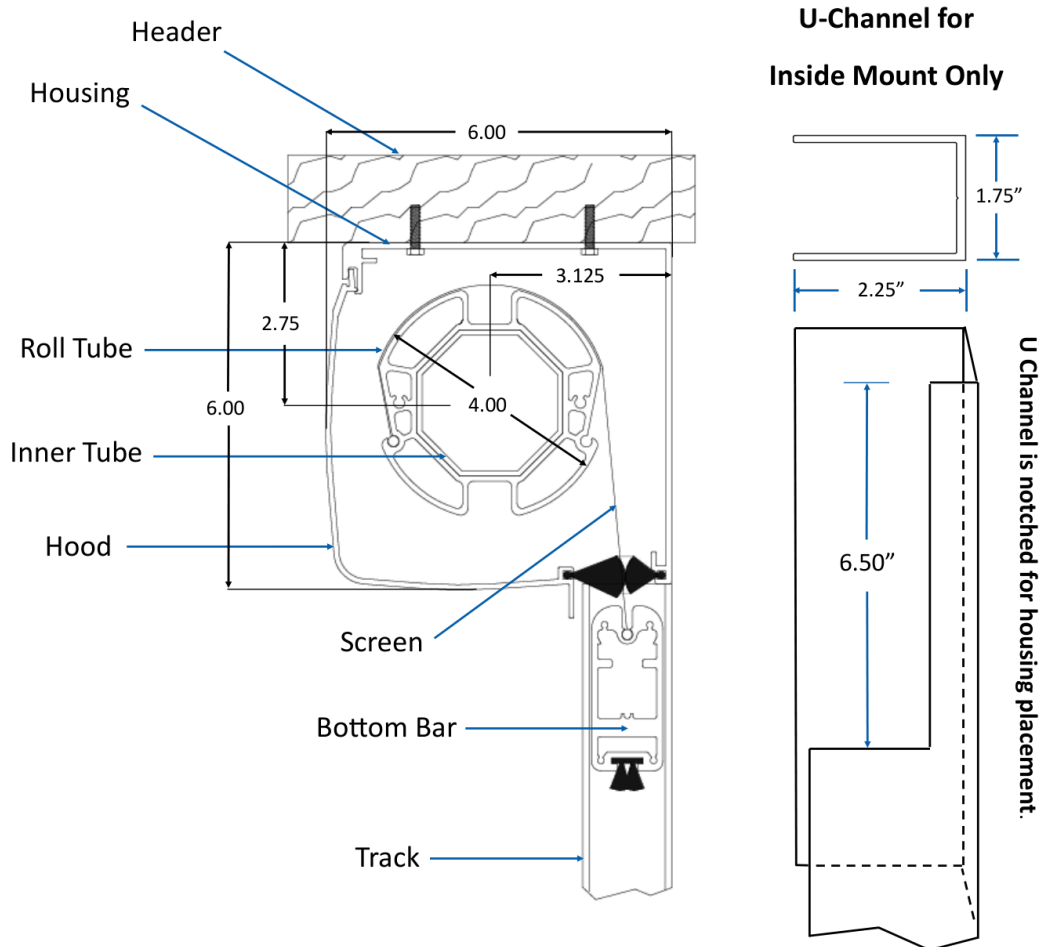
- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 6 HOUSING

## TOP MOUNT (TM)



## Notes:

Series 6 – 240" Max Width 144" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

### U-Channel – Inside mount

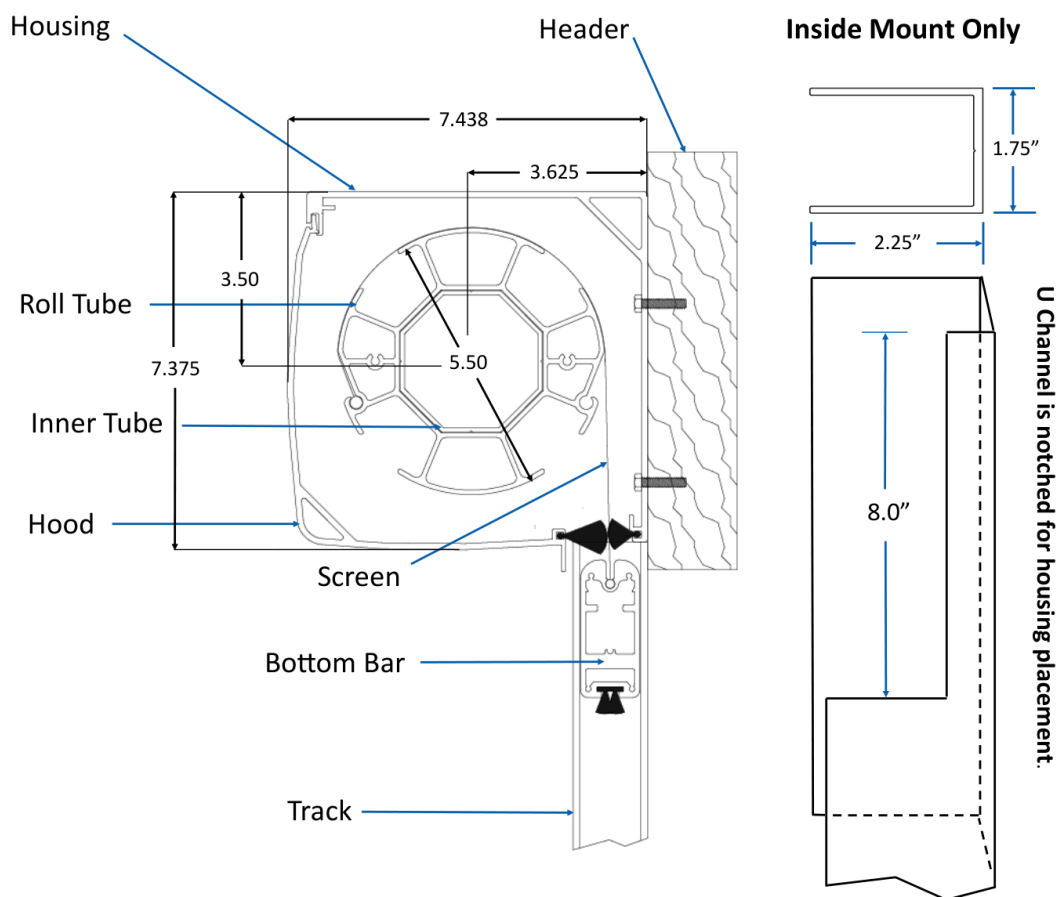
- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 7 HOUSING

## FACE MOUNT (FM)



## Notes:

Series 7 – 300" Max Width 192" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

### U-Channel – Inside mount

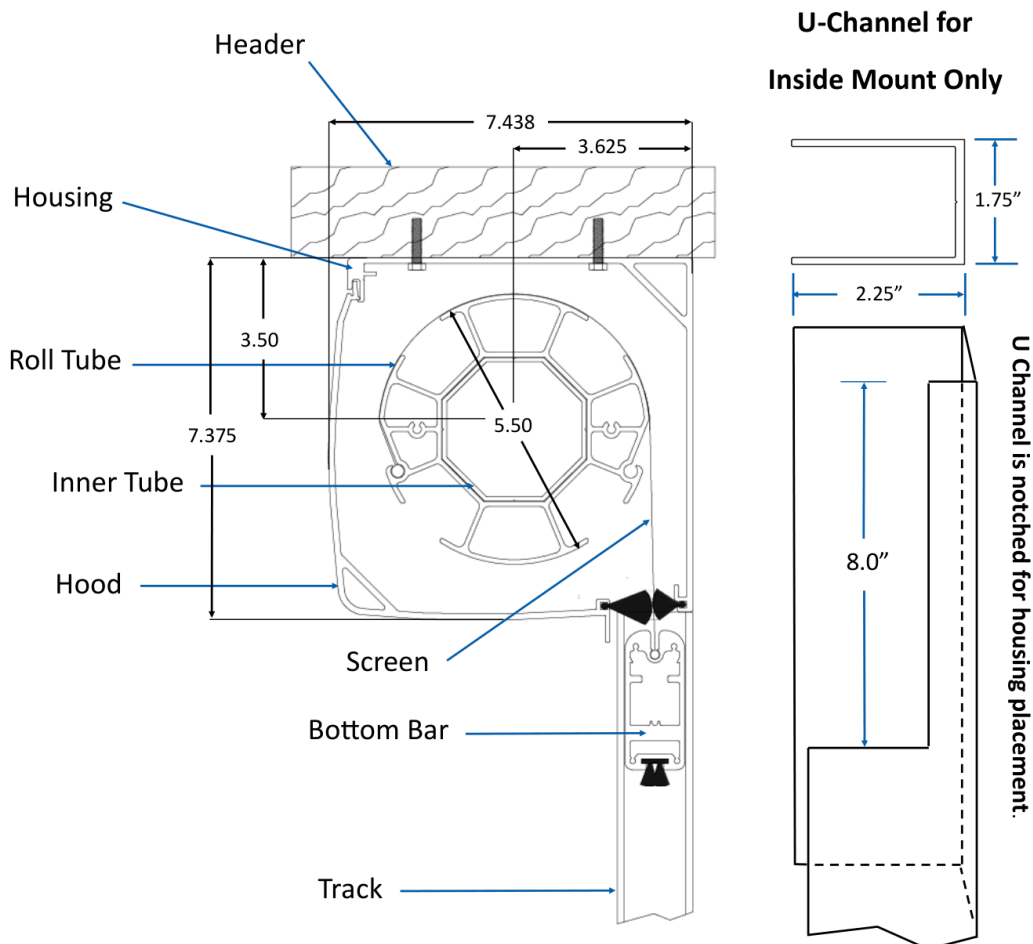
- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 7 HOUSING

## TOP MOUNT (TM)



## Notes:

Series 7 – 300" Max Width 192" Max Height

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

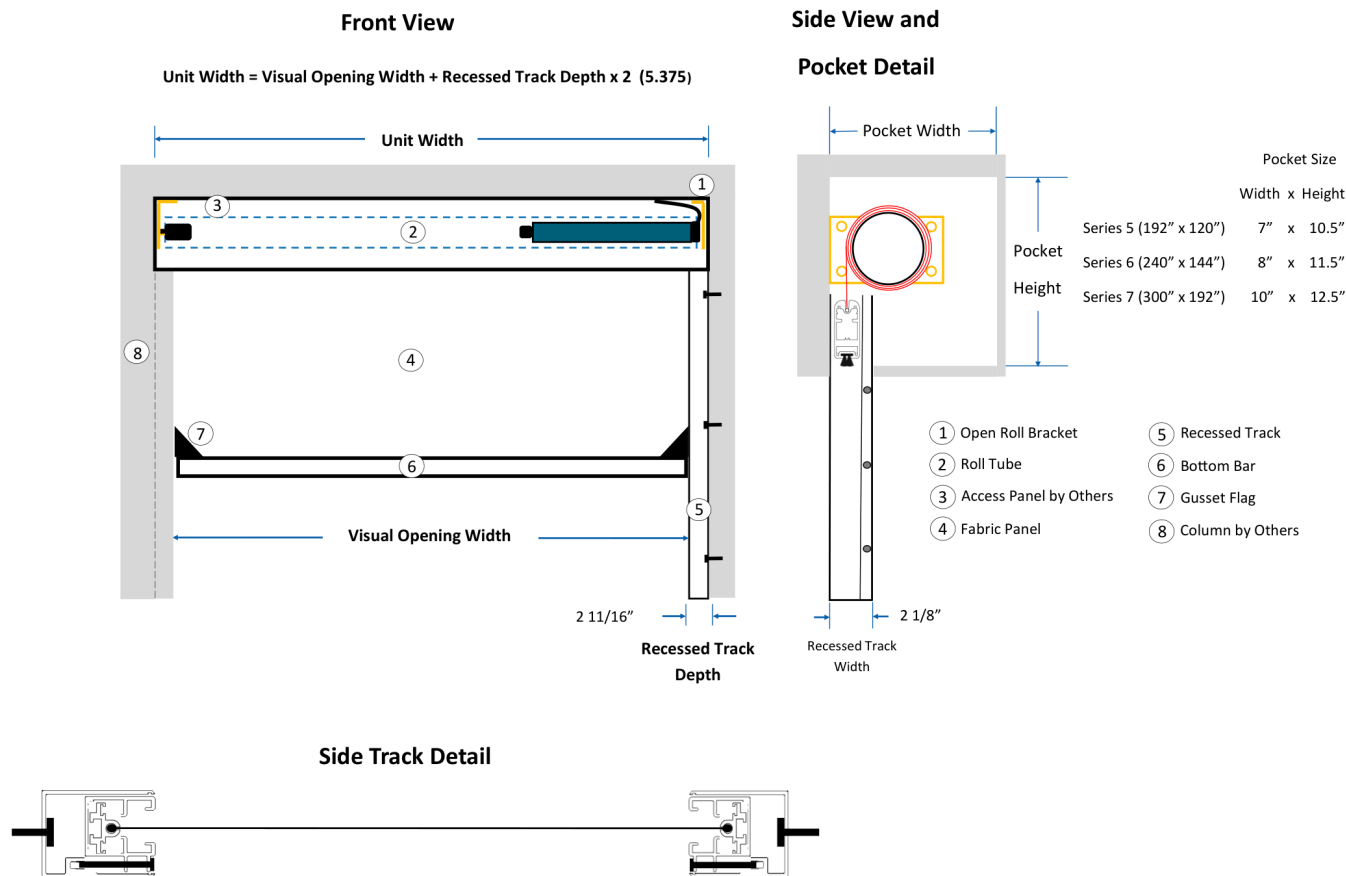
### U-Channel – Inside mount

- ★ Each U channel is notched at the factory. The notch is for the housing to sit inside.
- ★ It goes from the bottom of the shade to the top of the housing.
- ★ It allows for uneven surfaces between columns or walls.
- ★ Factory deduction is 1 1/4" from inside mount measurements.
- ★ The U-Channel hides the gap between the housing and wall or column.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# RECESSED TRACK DETAIL



## Notes:

Unit width = visual opening width + recessed track depth x 2 (5.375) Provided by others

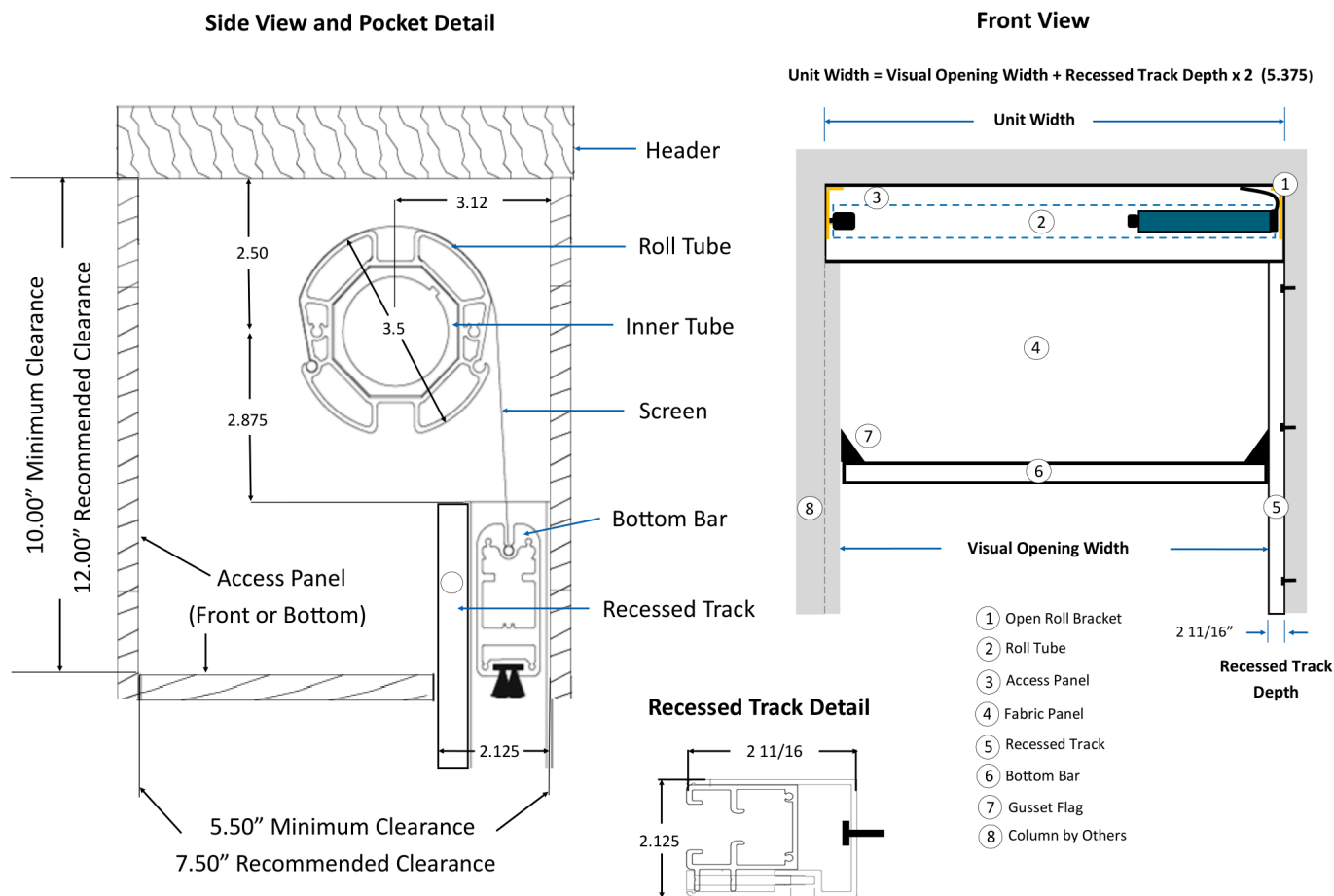
| Series                 | Pocket W | Pocket H |
|------------------------|----------|----------|
| Series 5 (192" x 120") | 7"       | 10.5"    |
| Series 6 (240" x 144") | 8"       | 11.5"    |
| Series 7 (300" x 192") | 10"      | 12.5"    |

- ★ Pocket, access panel (front or bottom) and columns.
- ★ Recessed track depth 2 11/16", width 2 1/8".
- ★ Minimum clearance 5.50" side and 10.00" height; 7.50" and 12.00" recommended.
- ★ Access panel must remain reachable for service.

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# SERIES 5 RECESSED



## Notes:

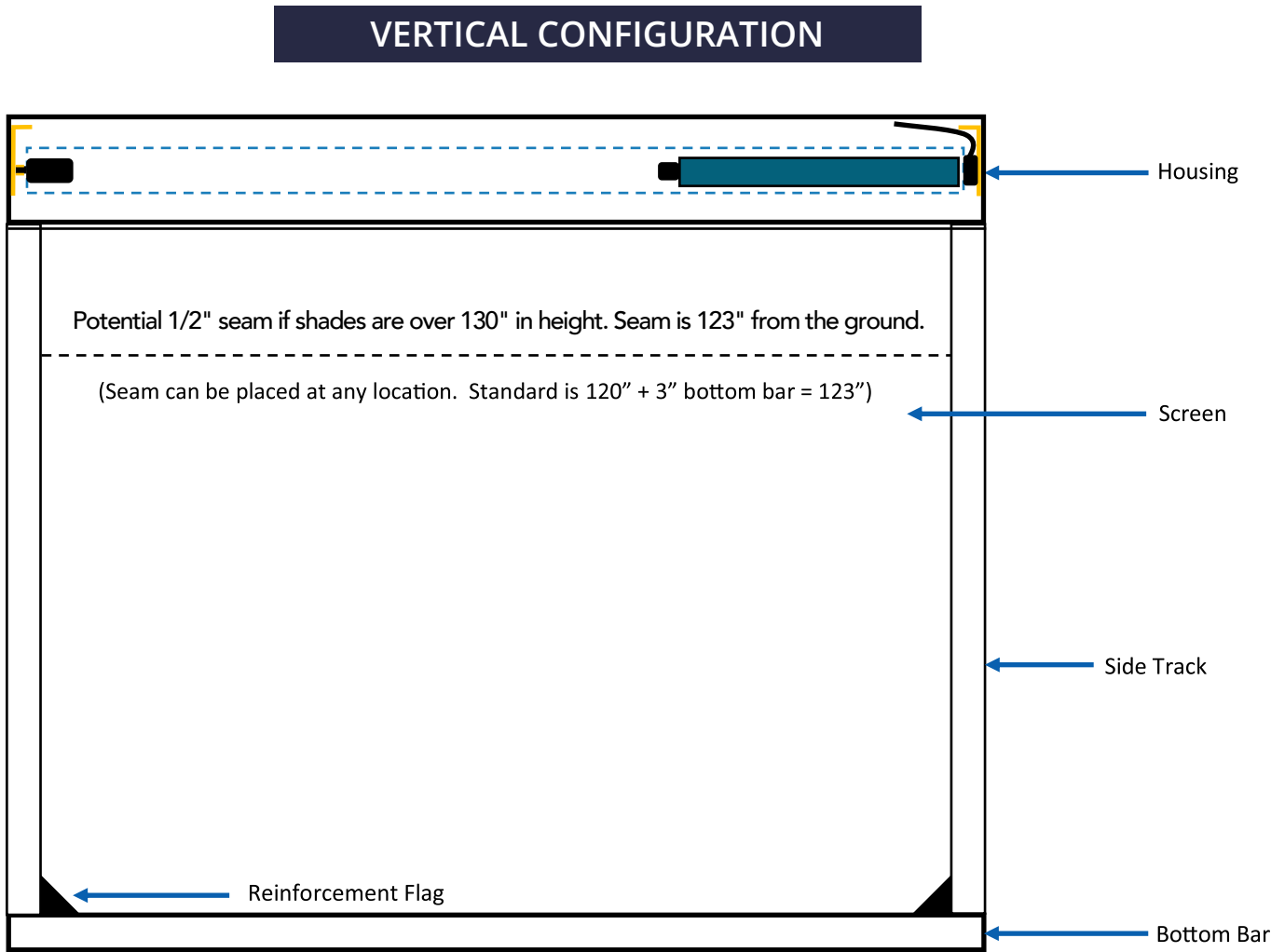
Series 5 Recessed – 192\" Max Width 120\" Max Height

- ★ 10.00\" minimum clearance above the opening, 12.00\" recommended.
- ★ 5.50\" minimum side clearance, 7.50\" recommended.
- ★ Access panel may be front or bottom and is provided by others.
- ★ Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

## Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sky Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

# CLEAR VINYL WINDOW CONFIGURATIONS



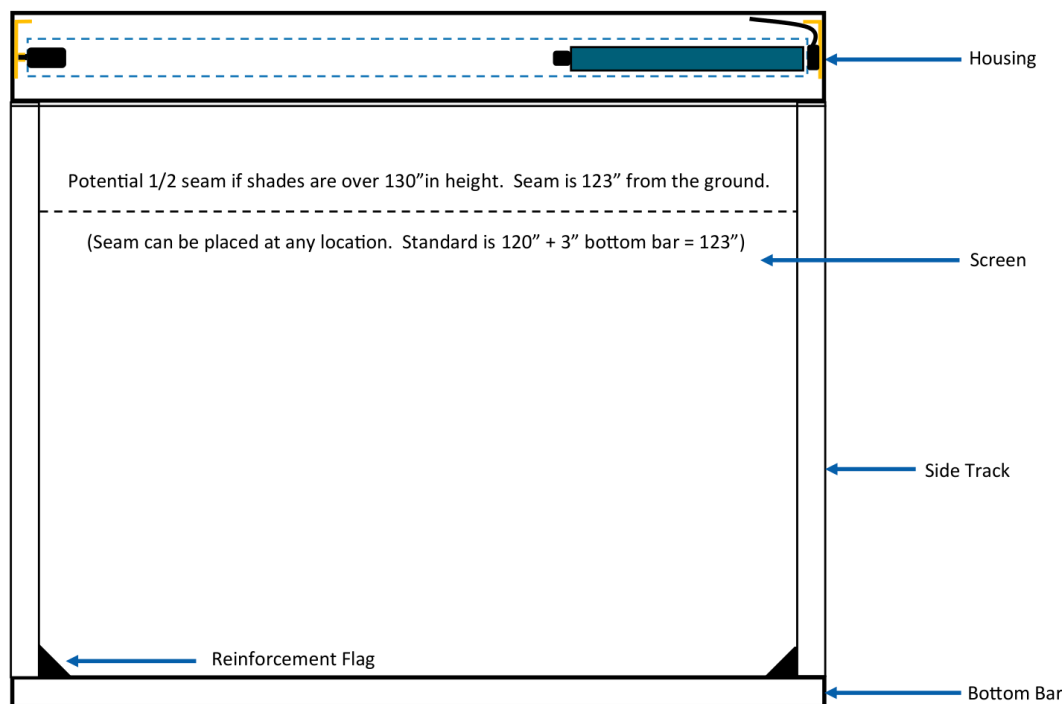
Notes: \_\_\_\_\_

- ★ Clear Vinyl Panels are 54"x110"
- ★ Minimum border size is 6"
- ★ Solid and Shade vinyls can be used as a border

Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

|          | Max Width | Max Height |
|----------|-----------|------------|
| Series 5 | 192"      | 120"       |
| Series 6 | 216"      | 132"       |
| Series 7 | 276"      | 180"       |

# INSECT SCREEN & SUN SHADE CONFIGURATION



## Notes:

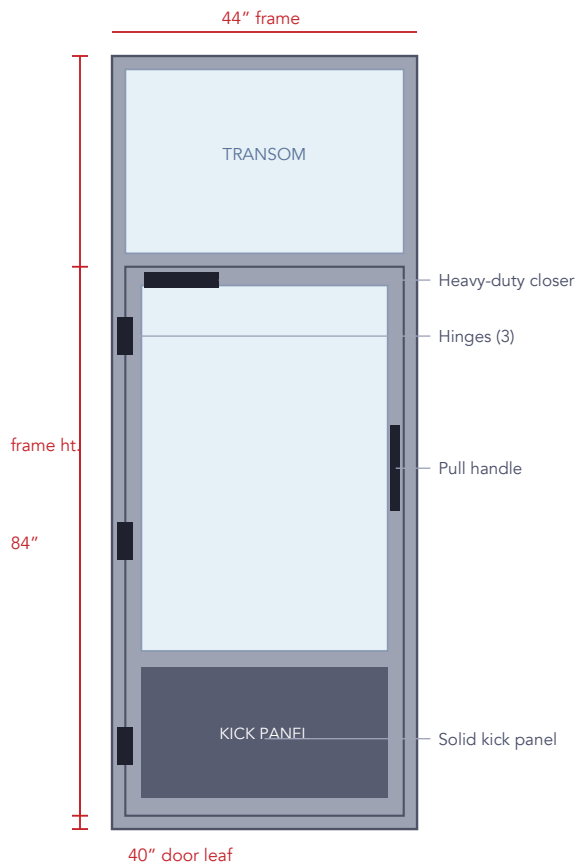
| Series   | Max Width | Max Height |
|----------|-----------|------------|
| Series 5 | 192"      | 120"       |
| Series 6 | 240"      | 144"       |
| Series 7 | 300"      | 192"       |

### Seams

- ★ Potential 1/2" seam if the shade is over 130" in height; the seam sits 123" from the ground.
- ★ The seam can be placed at any location. Standard is 120" + 3" bottom bar = 123".
- ★ Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended to secure the housing to avoid any rattling noises. When securing the housing, NEVER PLACE FASTENERS IN THE MIDDLE OF THE HOUSING. (TOP OR BACK)

# EGRESS DOORS

Welded 2x2 steel frame, powder coated to match the enclosure. Glazed upper, solid kick panel, heavy-duty closer. Sizes below are typical and are confirmed at the design consultation.



## Standard specification

- ★ Welded 2x2 steel tube frame, fully welded corners.
- ★ Powder coated (Tiger Drylac) to match the enclosure hardware.
- ★ Glazed upper with a solid kick panel below; full-clear and full-solid are options.
- ★ Heavy-duty commercial door closer, self-closing.
- ★ Three heavy-duty hinges; door stops top and bottom.
- ★ Pull handle outside, push to exit inside. Panic hardware on request.
- ★ Opens outward for egress. Swing and hinge side set at the design consultation.
- ★ Transom above the door is glazed to match, or infilled with enclosure fabric.

**Installed**

# ELECTRICAL SPECIFICATIONS

Simu Type 5 Hz-02 Plus tubular motors, 120V – 60Hz AC. Issued for electrician bidding and installation. Motors are plug-in and are not hardwired.

## Motor overview

- ★ Diameter 47 mm ( $\approx$  2.0 in.) — fits standard commercial roller tubes.
- ★ Integrated radio receiver (Simu-Hz, compatible with Somfy RTS).
- ★ Electronic limit setting, set by remote. No hard limit switches required.
- ★ Standard 8 ft motor power cable, 3-conductor, with the antenna in the pigtail.
- ★ SPE installs a standard 3-prong plug on the end of each motor pigtail.
- ★ Built-in electric brake and thermal protection. Continuous run time  $\approx$  3–5 minutes.
- ★ Approvals: UL Recognized • CSA Approved • FCC Approved • IP44 rated.

## The motor we use

### Simu Type 5 Hz-02 Plus

Reference 2005137 • 120V – 60Hz AC • 47 mm diameter

**440 in-lb**

TORQUE

**50 Nm**

TORQUE (METRIC)

**12 rpm**

SPEED

**250 W**

POWER

**2.1 A**

CURRENT DRAW

**3–5 min**

CONTINUOUS RUN

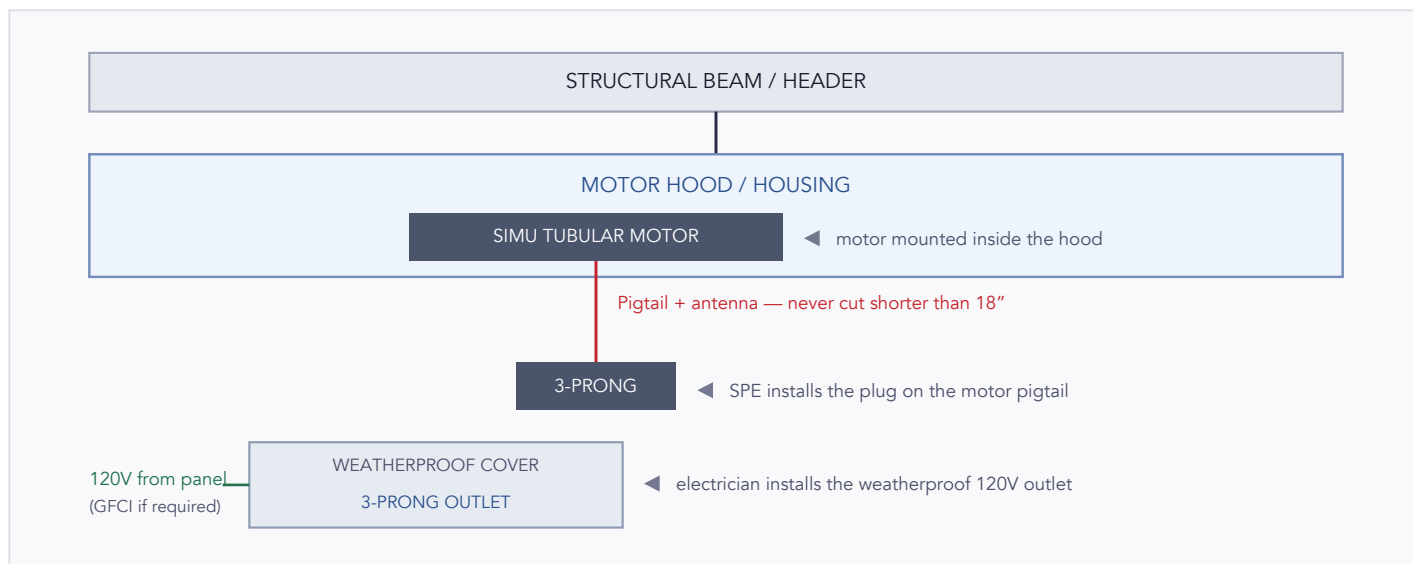
Electronic limit setting, integrated radio receiver, built-in brake and thermal protection. Other torque ratings in the same Simu family are available where a panel calls for it; the final selection is confirmed at engineering.

## Typical electrical requirements (for bidding)

| Item           | Requirement                                                                      |
|----------------|----------------------------------------------------------------------------------|
| Power supply   | 120V AC, 60 Hz, single phase                                                     |
| Outlet         | Weatherproof 3-prong receptacle with flip cover near each motor location         |
| Circuit        | Dedicated 15A or 20A circuit recommended. GFCI if outdoor or exposed.            |
| Wire           | Standard branch circuit wiring to the weatherproof outlet                        |
| Per motor load | Up to $\approx$ 2.1 A / 250 W on the largest models. Most panels draw 1.0–1.6 A. |
| Control        | Wireless radio. No low-voltage control wiring required.                          |
| Motor cord     | Do not shorten below 18". The antenna is in the pigtail.                         |
| Connection     | Motor plugs into the weatherproof outlet. No hardwiring required.                |

# ELECTRICAL LOCATION & CONNECTION

The electrician provides a weatherproof 120V outlet near each motor. Southern Patio Enclosures arrives with a 3-prong plug already installed on the motor pigtail and plugs in.



## What the electrician installs



In-use cover, cord plugged in



Duplex, individual flip covers



Box with clear bubble cover



Single outlet, flip cover

## Key points

- ★ Motors are NOT hardwired. SPE terminates the pigtail with a standard 3-prong plug.
- ★ The electrician provides a weatherproof 120V 3-prong outlet near each motor location.
- ★ Electric should be mounted above the housing mount location, within 18".
- ★ The antenna is built into the pigtail. If the cord must be shortened, keep at least 18" of the original pigtail, then add the plug.
- ★ Outdoor and damp locations require GFCI protection per NEC.
- ★ No low-voltage or control wiring is needed. The motors are radio controlled.

# MATERIAL SPECIFICATIONS

## Solid vinyl – Big Tex 18oz FR

Heavy-duty 18oz flame-retardant solid vinyl. Used for borders, privacy panels and full solid curtains.

| Property       | Specification                                    | Test Method          |
|----------------|--------------------------------------------------|----------------------|
| Weight         | 18 oz/yd <sup>2</sup> (18.5 oz/yd <sup>2</sup> ) | FS 5040 / ASTM D3776 |
| Width          | Up to 61"                                        | —                    |
| Construction   | 18 × 17 / 1000 × 1300                            | —                    |
| Grab tensile   | 375 × 375 lbs / 1"                               | FS 5100 / ASTM D5034 |
| Tongue tear    | 100 × 100 lbs / 1"                               | FS 5134 / ASTM D2261 |
| Adhesion       | 26 lbs / 2"                                      | FS 5970 / ASTM D751  |
| Cold crack     | -30° F                                           | FS 5874 / ASTM D2136 |
| Fire retardant | California State (CSFM), NFPA 701                | Pass                 |

## Clear vinyl – Super Clear PVC

| Property      | Specification                              | Test Method                |
|---------------|--------------------------------------------|----------------------------|
| Panel size    | 54" × 110" sheet, 52" viewable after weld  | —                          |
| Max unit size | S5 192×120 • S6 216×132 • S7 276×180 (in.) | Lower than mesh — see A-11 |
| Weight        | 636 g/m <sup>2</sup> as tested             | SGS Govmark                |
| Seams         | Welded clear-to-clear, no stitching        | —                          |
| Fire          | NFPA 701-2019 TM#2 Flat — Pass             | SGS report 3-33231-0       |

## Sun shade fabric – Textilene Nano 99

Vinyl-coated polyester mesh, the shade fabric on virtually every job. Nano 99 by request. Shades are mesh; insect screen is a separate product.

| Property    | Specification                                      | Note                 |
|-------------|----------------------------------------------------|----------------------|
| Weight      | 16.2 oz / yd <sup>2</sup>                          | Nano 99 on request   |
| Width       | 126"                                               | —                    |
| Openness    | ≈ 3%                                               | Blocks 97% of UV     |
| Composition | 0.014" vinyl-coated 420 denier polyester core yarn | Basket weave         |
| Fire        | NFPA 701, NFPA 101, Cal. Title 19, CAN/ULC S109    | Pass                 |
| Treatment   | Antimicrobial, mold and mildew resistant           | Greenguard certified |
| Warranty    | 15 year limited                                    | Manufacturer         |

## Fire & safety certification

- ★ Solid vinyl — Certificate of Flame Resistance F-41501, Seattle Textile Company, valid to 31 December 2028. CSFM registered, NFPA 701 Test 1 and Test 2, CPAI-84, NYC MEA.
- ★ Clear vinyl — NFPA 701-2019 TM#2 Flat, SGS Govmark report 3-33231-0. Pass.
- ★ Sun shade — NFPA 701, NFPA 101, Cal. Title 19, CAN/ULC S109. The treatment is permanent, will not wash out, and is effective for the life of the fabric.

# ALUMINUM & HARDWARE COLORS

## Housing, tracks and bottom bar

Extruded aluminum housing, side tracks and bottom bar, powder-coated (Tiger Drylac) to the hardware color chosen on the quote. All three match. The bottom bar sits at the hem of the unit in the same color and is the weight that keeps the panel taut and sealed.

| Series   | Housing height | Max unit (W × H) |
|----------|----------------|------------------|
| Series 5 | 5.375"         | 192" × 120"      |
| Series 6 | 6"             | 240" × 144"      |
| Series 7 | 7.4"           | 300" × 192"      |

## Hardware colors – aluminum powder coating



## Window options



- ★ Standard window: 52" of viewable clear with solid vinyl above and below; the solid below is sized so the clear starts above any rail.
- ★ MaxView: clear from the housing to the paving with a 6" solid border all round. Priced on request.
- ★ Vinyl color and hardware color are chosen at the design consultation; neither changes the price.

# CERTIFICATE OF FLAME RESISTANCE

Solid vinyl — F-41501, California State Fire Marshal

| <b>CERTIFICATE OF FLAME RESISTANCE</b>                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                      |                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="border: 1px solid black; padding: 5px;"> <b>REGISTERED APPLICATION NUMBER</b><br/>  <div style="border: 1px solid black; padding: 5px; text-align: center; width: 100px;"> <b>F - 41501</b> </div> </div> | <div style="border: 1px solid black; padding: 5px;"> <b>TRADE NAME</b><br/> of<br/> <b>FLAME-RESISTANT FABRIC</b><br/> <br/> <b>F/R 18oz BIG TEX</b> </div>          | <div style="border: 1px solid black; padding: 5px;"> <b>ISSUED BY</b><br/> <br/> <b>SEATTLE TEXTILE COMPANY</b><br/> 3434 2<sup>nd</sup> Avenue South<br/> Seattle, WA 98134 </div> |
| <p>This is to certify that the materials described below have been flame-retardant treated<br/> (or are inherently nonflammable ) and were supplied to:</p>                                                                                                                                                                                     |                                                                                                                                                                      |                                                                                                                                                                                     |
| <p>Description: <u>61" 18oz "F/R" BIG TEX</u></p>                                                                                                                                                                                                                                                                                               |                                                                                                                                                                      |                                                                                                                                                                                     |
| <p><b>BEAT THE HEAT SHADING SYSTEMS</b><br/> 13413 FRANKFORD AVE., SUITE A    Style: <u>I-TRW10131817(M)</u>    Item #: <u>VI-ST18-061-XXM</u><br/> LUBBOCK, TX 79242</p>                                                                                                                                                                       |                                                                                                                                                                      |                                                                                                                                                                                     |
| <p>Color(s): <u>White, Royal, Navy, Red, Green, Brown, Tan, Black and Gray</u></p>                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                                                                                                                     |
| <p>Certification is hereby made that:<br/> The articles described on this certificate have been made from a flame-resistant Fabric<br/> Registered and approved by the California State Fire Marshal, equal to or exceeds CSFM,<br/> NFPA 701 – Test 1 (Small Scale), NFPA 701 – Test 2 (Large Scale), CPAI-84, &amp; NYC MEA</p>               |                                                                                                                                                                      |                                                                                                                                                                                     |
| <p>The Flame Retardant Process Used <b><u>WILL NOT</u></b> Be Removed By<br/> Washing And Is Effective For The Life Of The Fabric</p>                                                                                                                                                                                                           |                                                                                                                                                                      |                                                                                                                                                                                     |
| <div style="border: 1px solid black; padding: 5px;"> <b>SEATTLE TEXTILE COMPANY</b><br/> Name of Applicator of Flame Resistant Finish </div>                                                                                                                                                                                                    | <div style="border: 1px solid black; padding: 5px;"> Signed: <u>Scott Kaczmarek</u><br/> Certification Specialist – Scott Kaczmarek / Seattle Textile Company </div> |                                                                                                                                                                                     |
| <p>~~~ This Certificate Expires on: <b>12/31/2028</b> ~~~</p>                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                                                                                                                     |
| Certificate of Flame Resistance - BEAT THE HEAT VI-ST18-061-XXM 2028.docx                                                                                                                                                                                                                                                                       |                                                                                                                                                                      |                                                                                                                                                                                     |

# NFPA 701 TEST REPORT

Clear vinyl — SGS Govmark, report 3-33231-0



96-D Allen Boulevard  
Farmingdale, New York 11735-5626 USA  
Tel. +1 (631) 293-8944 Fax +1 (631) 293-8956  
email: govmark.accounting@sgs.com

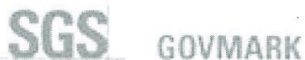
Page 1

|                                                                                                                                                                                                                                                                                                  |                                                             |                     |    |                                                                                                             |                |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------|----|-------------------------------------------------------------------------------------------------------------|----------------|------------------------|
| Received:06/28/2019                                                                                                                                                                                                                                                                              | Completed:07/02/2019                                        | Letter: A           | JR | P.O.#:                                                                                                      | Test Report #: | 3-33231-0-             |
| <b>Client's Identification</b>                                                                                                                                                                                                                                                                   | Style: Super Clear PVC. Product End Use: Tent Door, Window. |                     |    |                                                                                                             |                |                        |
| <b>Tested For: Jackie Jiang/Qing Zhang</b><br>Soyang Technical Textile (Zhejiang) Co., Ltd<br>No.36 Jinniu Rd. Jianshan District<br>Haininh City, Zhejiang PR, China                                                                                                                             |                                                             |                     |    | <b>Key Test: NFPA 701-2019 TM#2 Flat</b> 525<br><b>Tel:</b> 011 86- 571 28918687 <b>Ext:</b><br><b>Fax:</b> |                |                        |
| LE:2019 NE:2021 V:12/18 NTR 04/16 PC:1H                                                                                                                                                                                                                                                          |                                                             |                     |    |                                                                                                             |                |                        |
| TEST PERFORMED: NFPA 701 - Standard Methods of Fire Tests for Flame Propagation of Textiles and Films<br>- 2019 Edition - Test Method #2 - Flat Sheet Specimens                                                                                                                                  |                                                             |                     |    |                                                                                                             |                |                        |
| SPECIMEN CONFIGURATION: <input checked="" type="checkbox"/> Single Layer; <input type="checkbox"/> Multi Layer                                                                                                                                                                                   |                                                             |                     |    |                                                                                                             |                |                        |
| RESULTS REPORTED: <input checked="" type="checkbox"/> Initially <input type="checkbox"/> After 72 hours water leaching<br><input type="checkbox"/> After 3 dry cleanings <input type="checkbox"/> After 100 hours accelerated weathering<br><input type="checkbox"/> After 5 launderings @ 160°F |                                                             |                     |    |                                                                                                             |                |                        |
| <b>RESULTS:</b>                                                                                                                                                                                                                                                                                  |                                                             |                     |    |                                                                                                             |                |                        |
| Length                                                                                                                                                                                                                                                                                           | Afterflame                                                  | Flaming             |    |                                                                                                             |                |                        |
| Specimen #                                                                                                                                                                                                                                                                                       | (seconds)                                                   | Drip/Debris         |    |                                                                                                             |                | Char Length            |
|                                                                                                                                                                                                                                                                                                  |                                                             | (seconds)           |    |                                                                                                             |                | (mm)                   |
| -----                                                                                                                                                                                                                                                                                            | -----                                                       | -----               |    |                                                                                                             |                | -----                  |
| 1                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 337                    |
| 2                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 301                    |
| 3                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 292                    |
| 4                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 284                    |
| 5                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 232                    |
| 6                                                                                                                                                                                                                                                                                                | 0                                                           | 0.8                 |    |                                                                                                             |                | 248                    |
| 7                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 254                    |
| 8                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 237                    |
| 9                                                                                                                                                                                                                                                                                                | 0                                                           | 0.0                 |    |                                                                                                             |                | 299                    |
| 10                                                                                                                                                                                                                                                                                               | 0                                                           | 0.0                 |    |                                                                                                             |                | 230                    |
| APPROXIMATE WEIGHT OF MATERIAL (as measured by SGS Govmark): 636 g/m²                                                                                                                                                                                                                            |                                                             |                     |    |                                                                                                             |                |                        |
| FAILURE CRITERIA: For each individual specimen --                                                                                                                                                                                                                                                |                                                             |                     |    |                                                                                                             |                |                        |
| Afterflame                                                                                                                                                                                                                                                                                       |                                                             | Drip/Debris Burn    |    |                                                                                                             |                | Char Length            |
| -----                                                                                                                                                                                                                                                                                            |                                                             | -----               |    |                                                                                                             |                | -----                  |
| Exceeds 2.0 seconds                                                                                                                                                                                                                                                                              |                                                             | Exceeds 2.0 seconds |    |                                                                                                             |                | Exceeds 435 mm (17.1") |
| RETEST PROVISION: Test 5 additional specimens if only 1 specimen fails.                                                                                                                                                                                                                          |                                                             |                     |    |                                                                                                             |                |                        |
| CONCLUSION: Based on the above Results and Failure Criteria, the item tested:                                                                                                                                                                                                                    |                                                             |                     |    |                                                                                                             |                |                        |
| <input checked="" type="checkbox"/> Passes; <input type="checkbox"/> Fails; <input type="checkbox"/> Requires testing of 5 additional specimens                                                                                                                                                  |                                                             |                     |    |                                                                                                             |                |                        |
| (Page 1 of 2)                                                                                                                                                                                                                                                                                    |                                                             |                     |    |                                                                                                             |                |                        |

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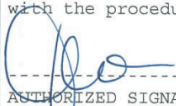
# NFPA 701 TEST REPORT (CONT.)

Clear vinyl — SGS Govmark, report 3-33231-0



96-D Allen Boulevard  
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                             |           |    |                                                                                 |                |            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-----------|----|---------------------------------------------------------------------------------|----------------|------------|
| Received:06/28/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Completed:07/02/2019                                        | Letter: A | JR | P.O.#:                                                                          | Test Report #: | 3-33231-0- |
| Client's Identification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Style: Super Clear PVC. Product End Use: Tent Door, Window. |           |    |                                                                                 |                |            |
| Tested For: Jackie Jiang/Qing Zhang<br>Soyang Technical Textile (Zhejiang) Co., Ltd<br>No.36 Jinniu Rd. Jianshan District<br>Haininh City, Zhejiang PR, China                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                             |           |    | Key Test: NFPA 701-2019 TM#2 Flat 525<br>Tel: 011 86- 571 28918687 Ext:<br>Fax: |                |            |
| <p>PRECONDITIONING: [ ] 1 hr @ 220°F (Standard)<br/>[x] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)</p> <p>REMARKS: None.</p> <p>CONVERSION FACTORS:<br/>mm ÷ 25.4 = inches<br/>g/m² ÷ 28.35 x .835 = oz/yd²</p> <p>CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.</p> <p> Phyllis Pettit<br/>AUTHORIZED SIGNATURE<br/>SGS GOVMARK<br/>/gb /pm</p> <p>JUL 05 2019</p> <p>(Page 2 of 2)</p> |                                                             |           |    |                                                                                 |                |            |

The results contained in this report relate only to item(s) tested. The test report shall not be reproduced, except in full, without written approval from Govmark.

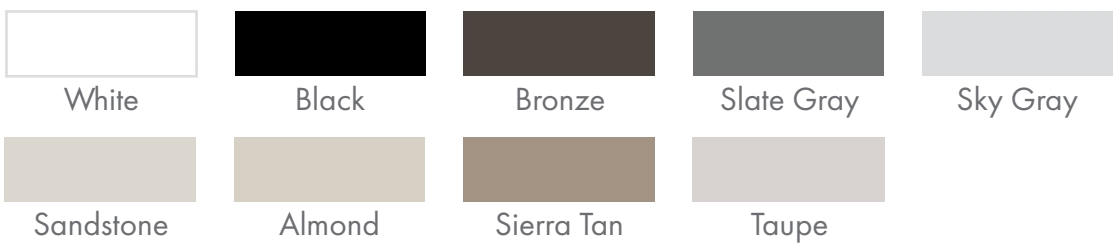
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# DESIGN OPTIONS

## Vinyl Colors



## Aluminum Powder Coating

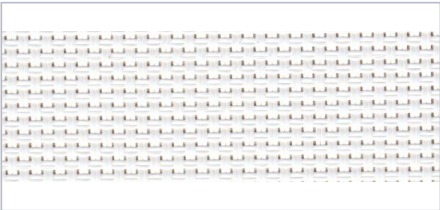


## Window Options

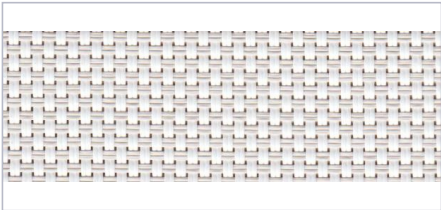


# SUN SHADE COLORS

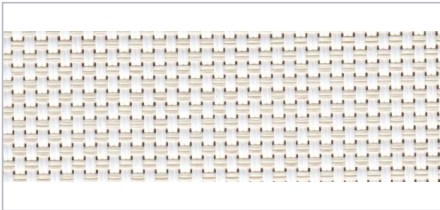
Textilene Nano 97 sun shade, 126" rolls. Blocks up to 97% of UV at 3% openness. Every color below is stocked in Nano 97; Nano 99 is available on request.



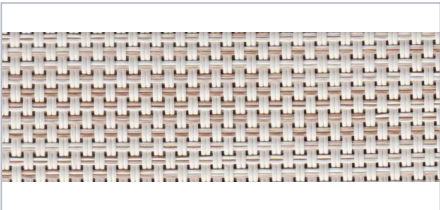
White



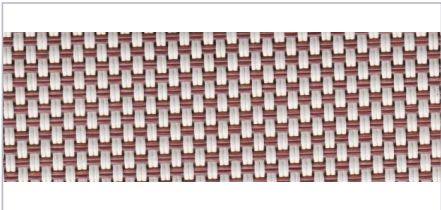
Bone



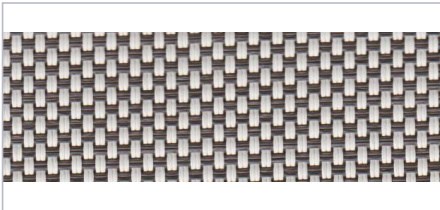
Sable



Desert Sand



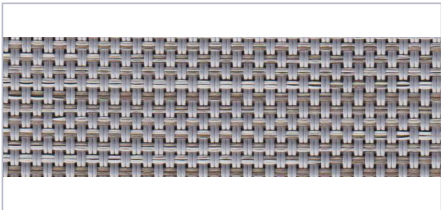
Almond



Café



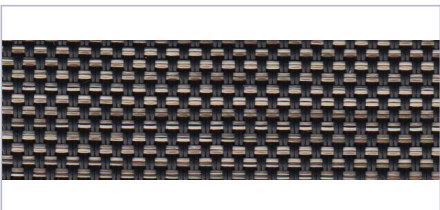
Stone Texture



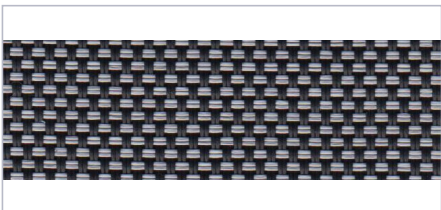
Shadow Texture



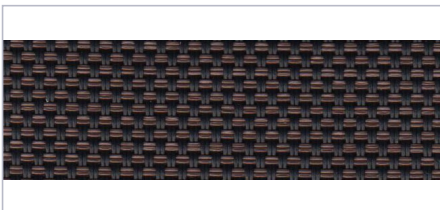
Tumbleweed



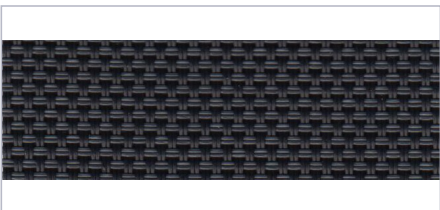
Espresso Texture



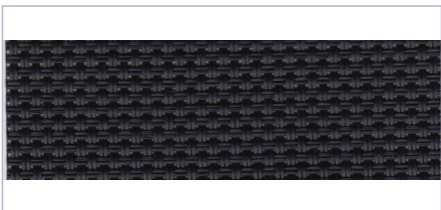
Granite



Tobacco



Charcoal



Flat Black

Swatches reproduced from the manufacturer's 2024 sample card. Fabric samples are available on request.