

Southern™
PATIO ENCLOSURES

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

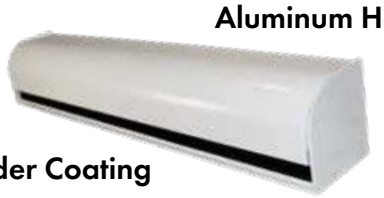
Vinyl Color Options

White
Yellow
Orange
Red
Tan
Green
Lime
Light Blue
Royal Blue
Navy
Dark Purple
Grey
Brown
Charcoal
Black

Sun Shade Colors

White
Shadow Texture
Granite
Sable
Expresso Texture
Black
Bone
Tobacco Texture
Stone Texture
Charcoal

Aluminum Hood



Aluminum Powder Coating

White
Black
Bronze
Sandstone
Almond
Sierra Tan
Slate Grey
Taupe

MOTORIZED ENCLOSURE COMPARISON CHART

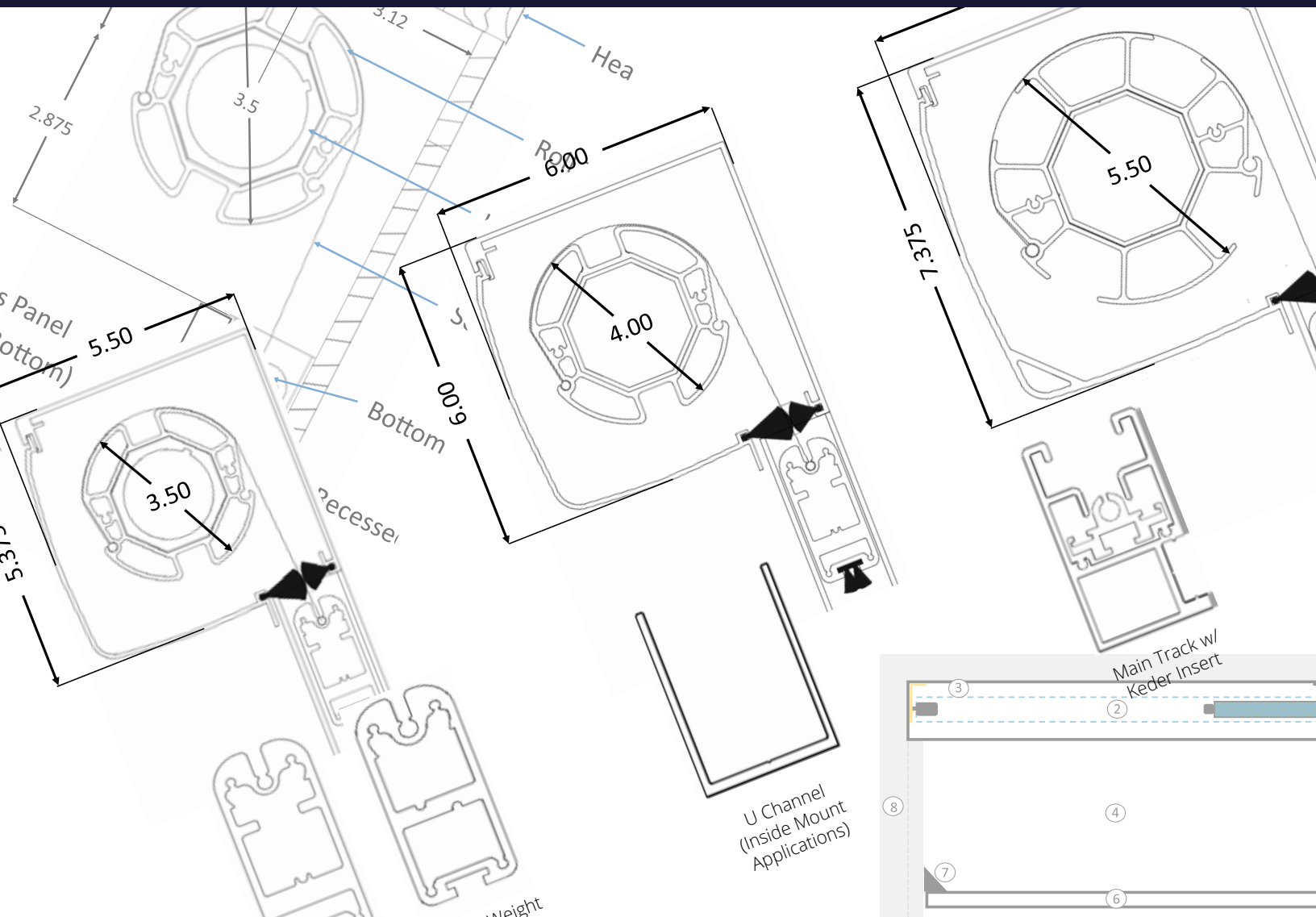
	Southern Patio Enclosures	Competitors
Wind Strength	**Warrantied to 65 mph** • Tested to 85 mph* on small clear units such as 8 ft x 10 ft.	**Often fail between 30-45 mph**
Curtain/Track Articulation	**Keder System** • Curtain edges held tightly in track with Keder • Virtually 100% stay-put assurance • Allows for higher wind rating	**Zipper Track or Cable System** • Less stable, less secure hold • Curtains more likely to pop out, causing safety concerns for staff & restaurant patrons • Cable system gaps at the sides allowing debris, wind, rain to enter enclosure
Track Components	**Powder Coated Aluminum** • Long-lasting, stronger material • More secure in wind • Allows for higher wind rating	**Plastic or Thin Gage Metal** • More susceptible to wind damage • Less durable over time
Panel Size	**Up to 25′ wide or 16′ high**** • Allows for ultimate safety and aesthetics • More flexibility with custom designs • Reinforced tube allows for wider & taller curtain	**Max 12′ wide and 12′ high** • More seams showing • Less stability and strength • Unreinforced tube limits height & width
Window Size	**Up to 23′ wide or 9′ high**** • MaxView curtain option allows for largest window in the industry • Bigger, clearer windows than competitors	**Max 4′6″ high** • Smaller windows • Less pleasing patio views
Fabric	**Vinyl** • Made for strength • Handles weather and friction better than cloth fabric	**Cloth** • Often deteriorates from sun and abrasion • Even premium canvas brands only last 5 years
Seams	**Welded Seams** • Vinyl-to-vinyl construction • Reinforced strength at highest stress points • See-through clear-to-clear seams • Bar Welder / Sonic Weld	**Stitched Seams or Lower-Quality Weld** • Stitched perforations (like notebook paper) causes rips in even slight winds • Rolling Heat Sealer can cause clouding or bubbling in seam
Service	**Nationwide Service** • Service provided after the sale • Multi-unit customers able to standardize product over multiple locations	**Regional Service** • Smaller, local companies • Unable to standardize product over multiple locations due to geographic limitations

*Small clear units are up to 100 sq ft, 15 ft wide and 10 ft tall.
Nano 97/99 shade units with no clear window are tested to 110 mph within size limits.
**Speak to your sales representative about options for taller or wider openings

Southern™ PATIO ENCLOSURES

TECHNICAL APPENDIX

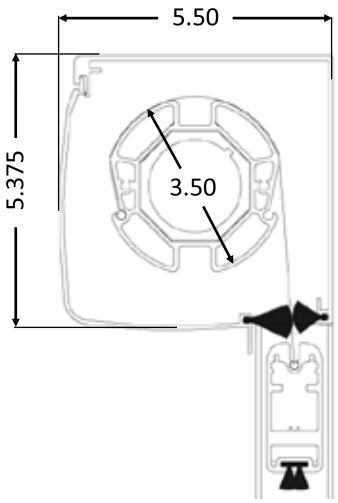
- Manual & Motorized Enclosure Specifications
- Window and Door Specifications
- Color & Sample Charts



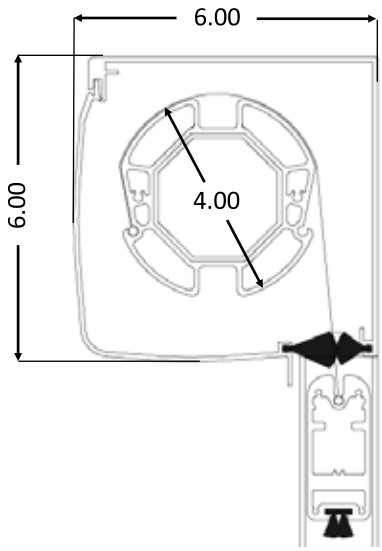
Motorized Enclosures

SYSTEM OVERVIEW

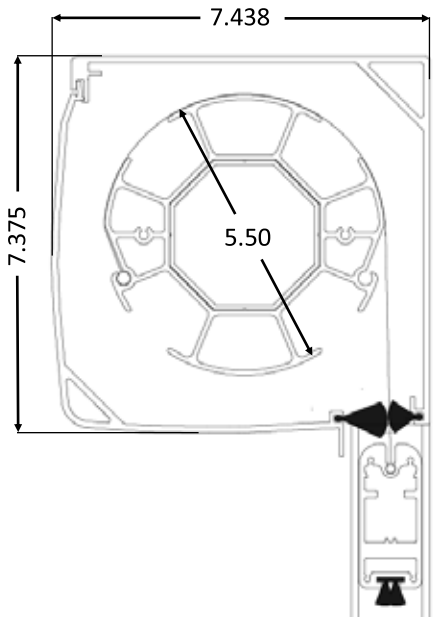
SERIES 5
192″ WIDTH X 120″ HEIGHT

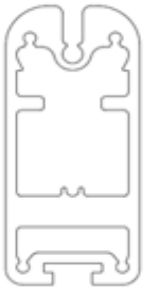


SERIES 6
240″ WIDTH X 144″ HEIGHT

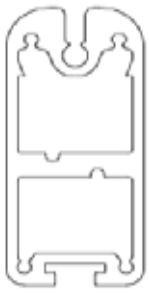


SERIES 7
300″ WIDTH X 192″ HEIGHT

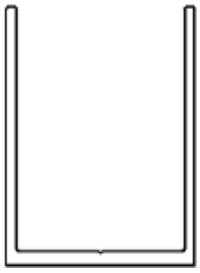




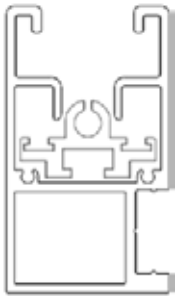
Heavy Duty Bottom Bar



Double Weight Bottom Bar



U Channel (Inside Mount Applications)



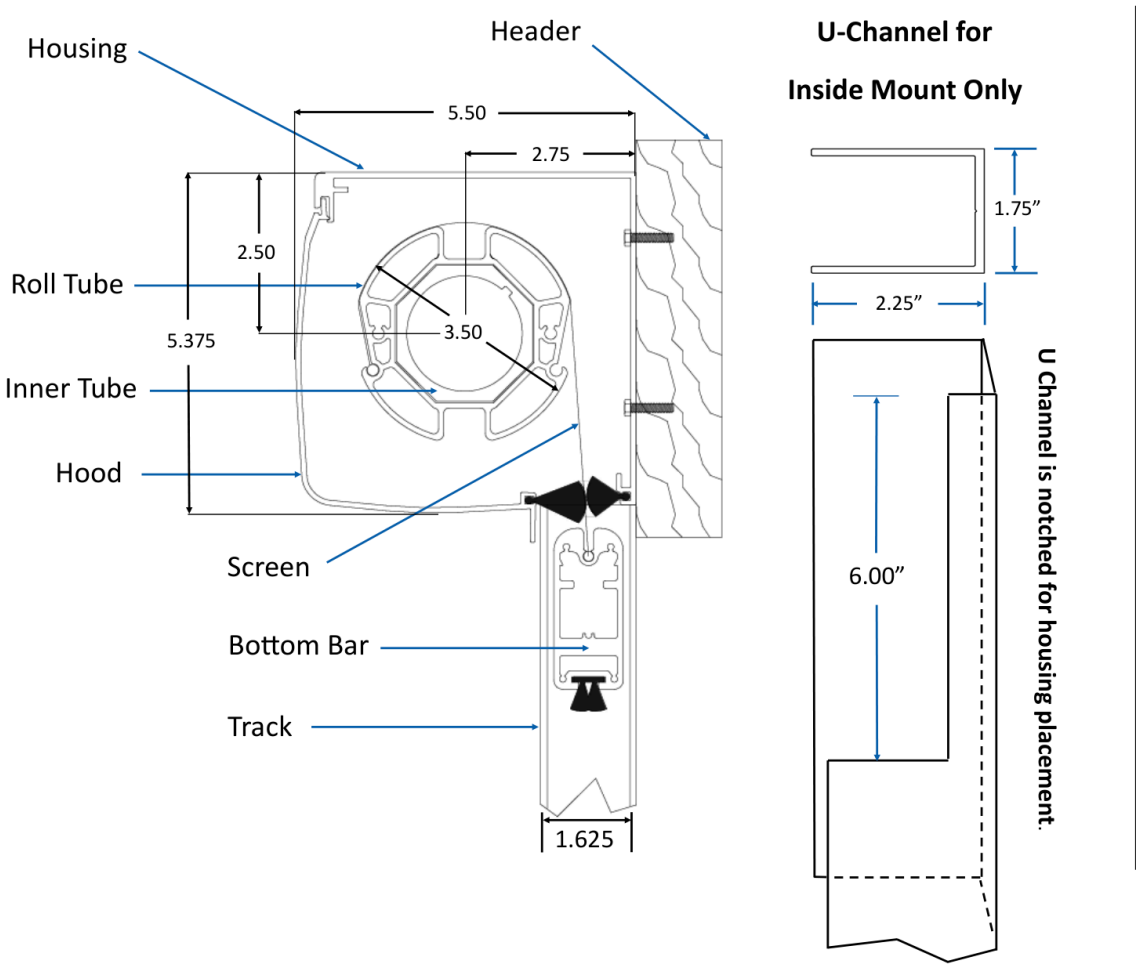
Main Track w/ Keder Insert

Product Features

- ★ Keder retention track system is the strongest on the market.
- ★ All aluminum track insert-no wearing parts.
- ★ Nano 97/99 shade units with no clear window tested to 110 mph within size limits. Every motorized unit is warrantied to 65 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

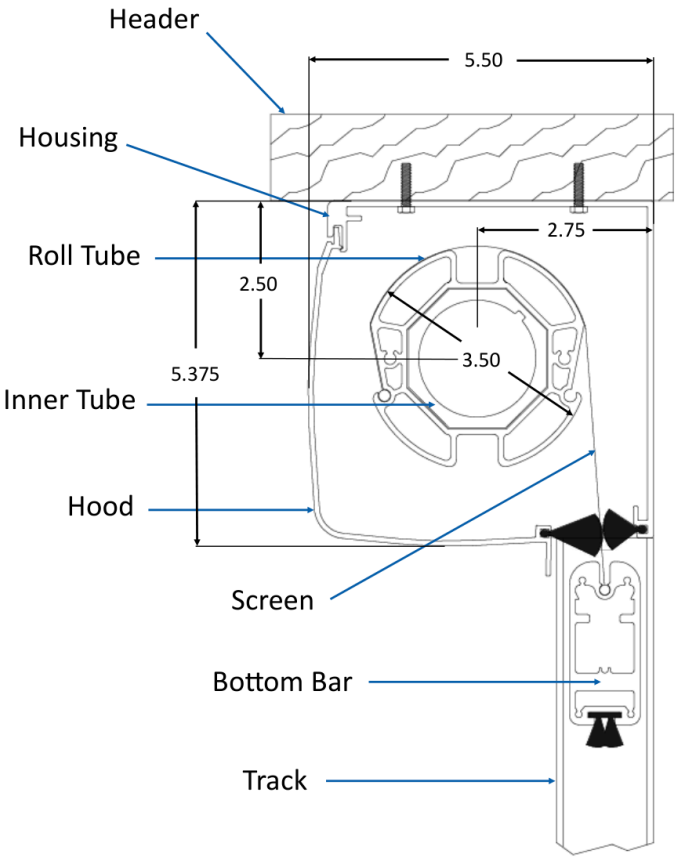
- Each U channel is notched at the factory. The notch is for the housing to sit inside.
- It goes from the bottom of the shade to the top of the housing.
- It allows for uneven surfaces between columns or walls.
- Factory deduction is 1 1/4" from inside mount measurements.
- The U-Channel hides the gap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

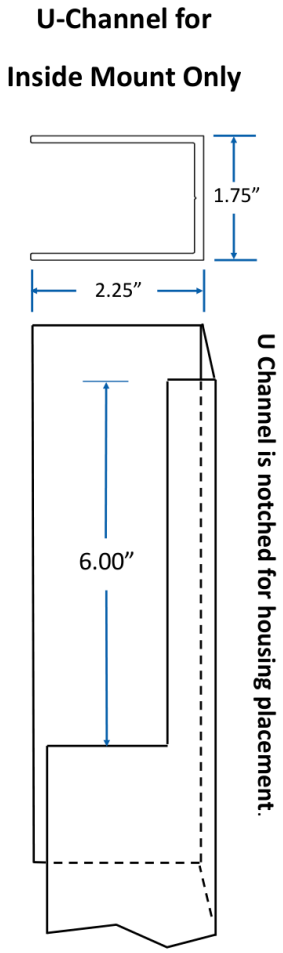
Hardware color:

Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, 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

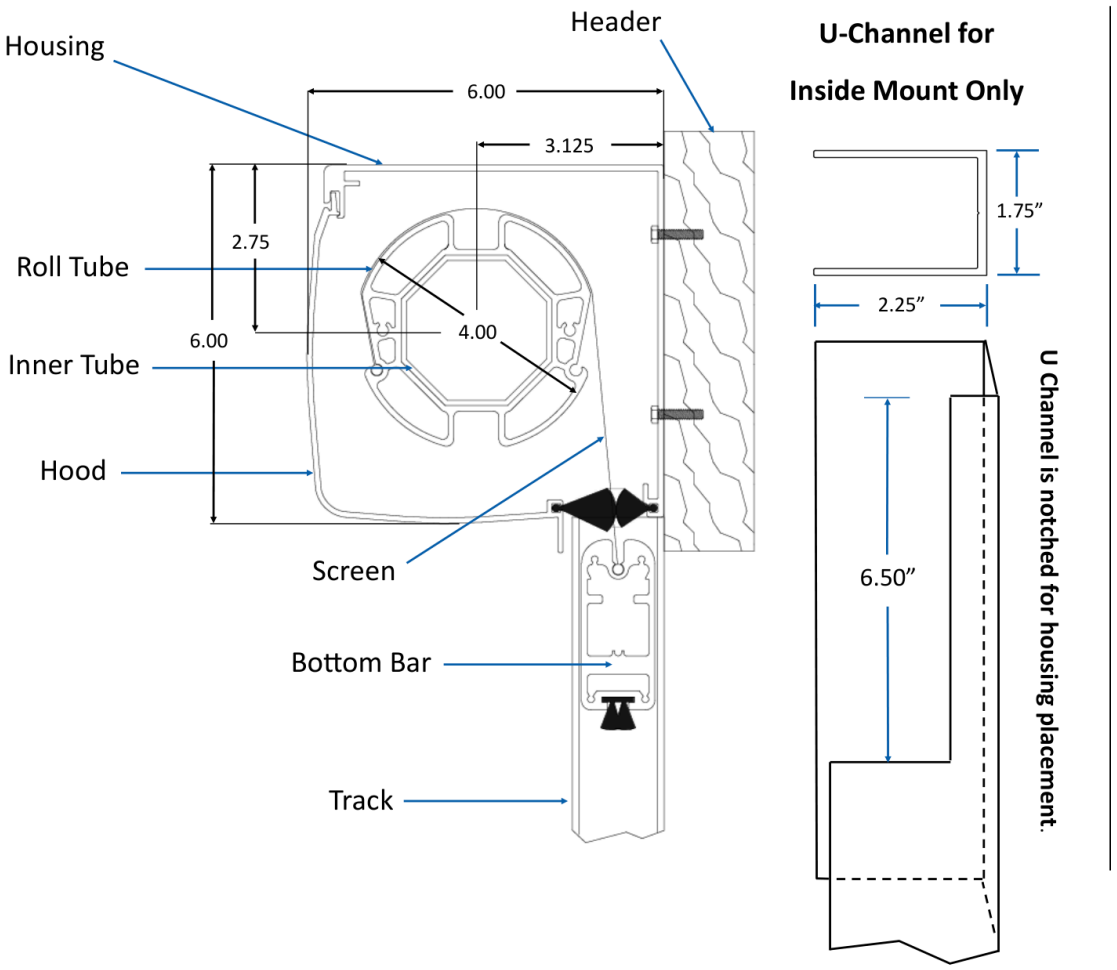
- Each U channel is notched at the factory. The notch is for the housing to sit inside.
- It goes from the bottom of the shade to the top of the housing.
- It allows for uneven surfaces between columns or walls.
- Factory deduction is 1 1/4" from inside mount measurements.
- The U-Channel hides the gap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

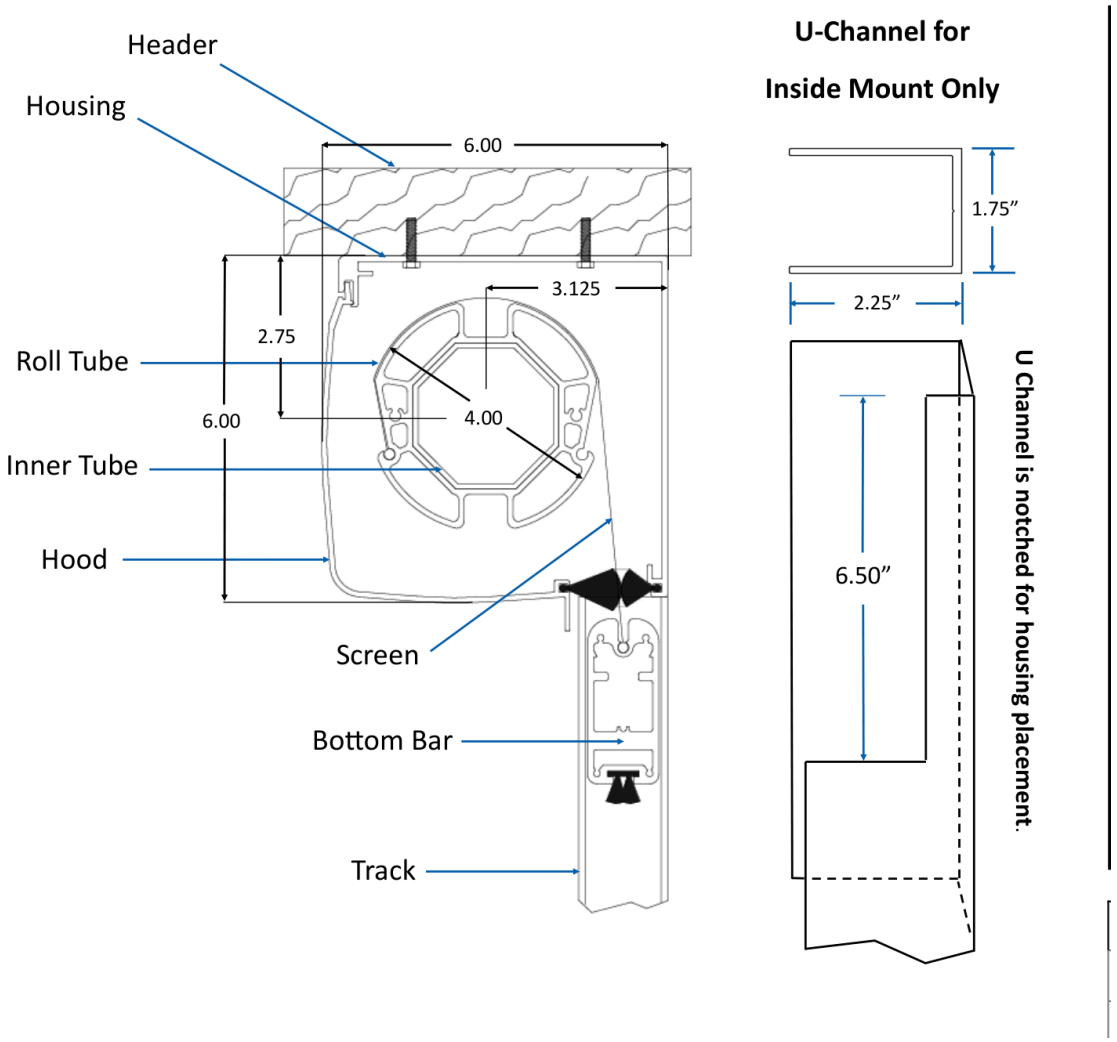
- Each U channel is notched at the factory. The notch is for the housing to sit inside.
- It goes from the bottom of the shade to the top of the housing.
- It allows for uneven surfaces between columns or walls.
- Factory deduction is 1 1/4" from inside mount measurements.
- The U-Channel hides the gap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

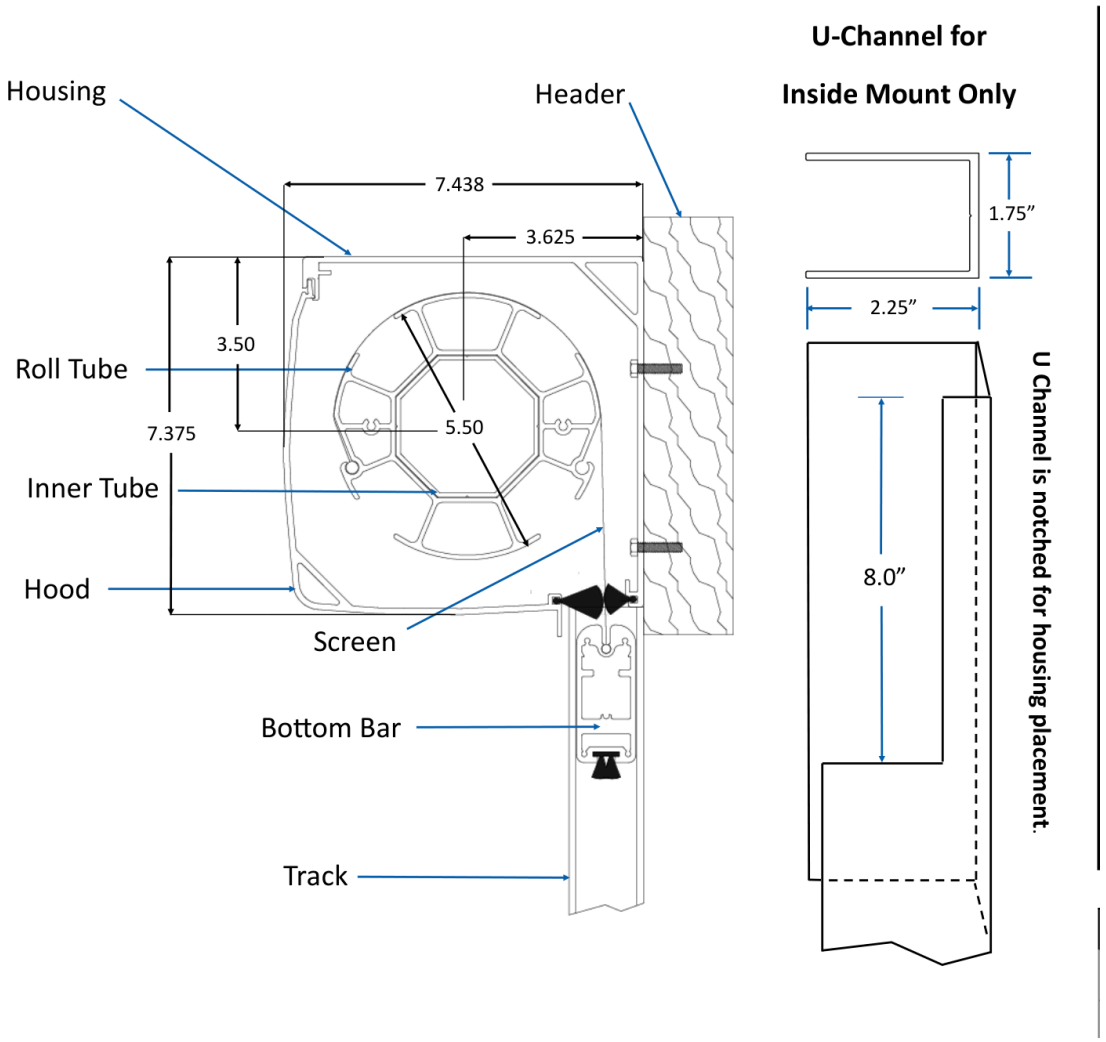
- Each U channel is notched at the factory. The notch is for the housing to sit inside.
- It goes from the bottom of the shade to the top of the housing.
- It allows for uneven surfaces between columns or walls.
- Factory deduction is 1 1/4" from inside mount measurements.
- The U-Channel hides the gap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

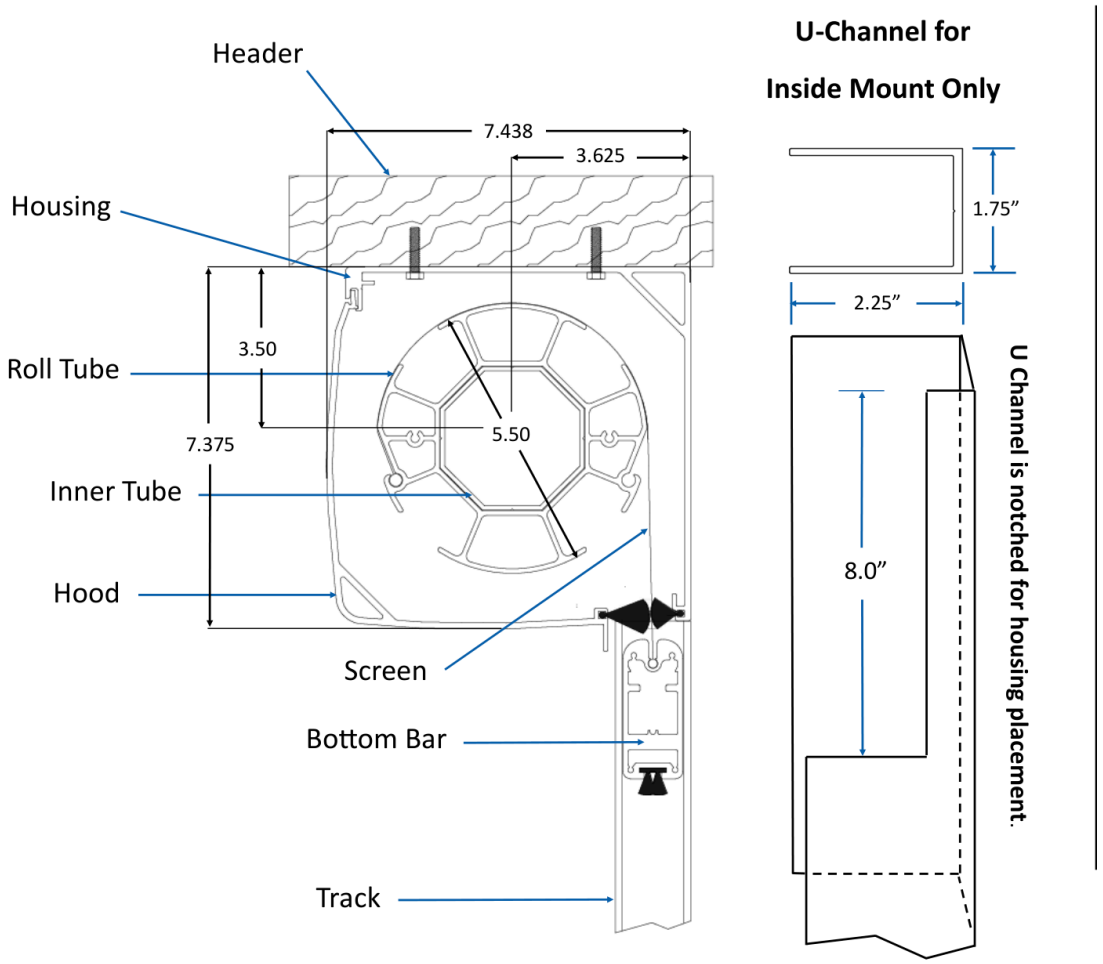
- Each U channel is notched at the factory. The notch is for the housing to sit inside.
- It goes from the bottom of the shade to the top of the housing.
- It allows for uneven surfaces between columns or walls.
- Factory deduction is 1 1/4" from inside mount measurements.
- The U-Channel hides the gap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

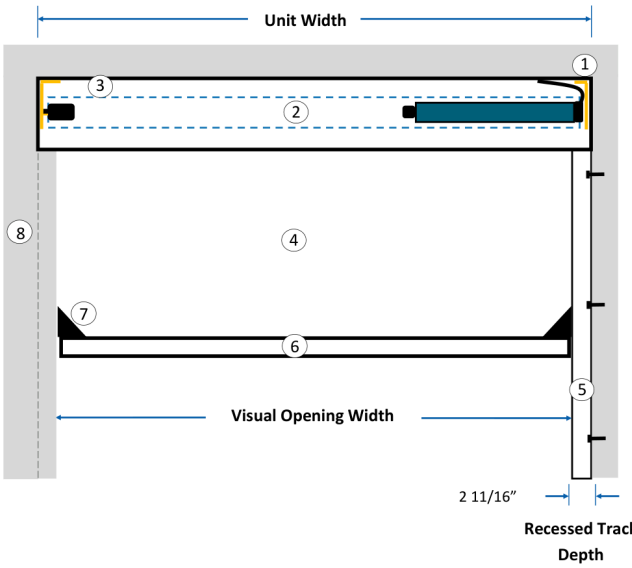
Hardware color:

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

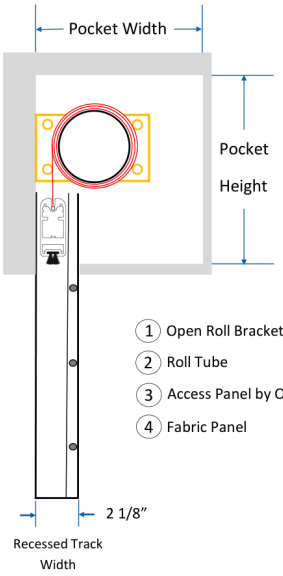
RECESSED TRACK DETAIL

Front View

Unit Width = Visual Opening Width + Recessed Track Depth x 2 (5.375)



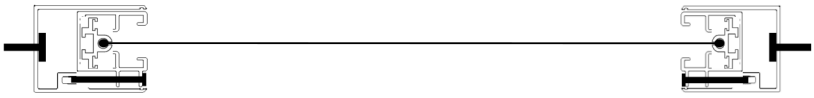
Side View and Pocket Detail



Pocket Size	Width	x	Height
Series 5 (192" x 120")	7"	x	10.5"
Series 6 (240" x 144")	8"	x	11.5"
Series 7 (300" x 192")	10"	x	12.5"

1. Open Roll Bracket
2. Roll Tube
3. Access Panel by Others
4. Fabric Panel
5. Recessed Track
6. Bottom Bar
7. Gusset Flag
8. Column by Others

Side Track Detail



Notes:

Unit width = visual opening width + recessed track depth × 2 (5.375")

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

Provided by others

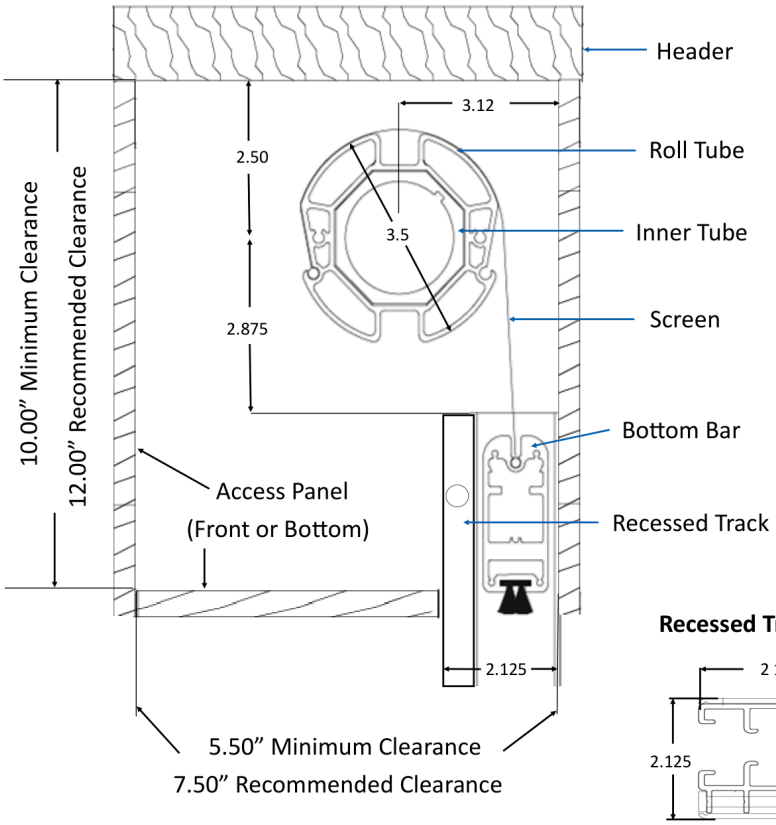
- Pocket, access panel (front or bottom) and columns.
- Recessed track depth 2 11/16", width 2 1/8".
- Minimum clearance 5.50" side and 10.00" height; 7.50" and 12.00" recommended.
- Access panel must remain reachable for service.

Hardware color:

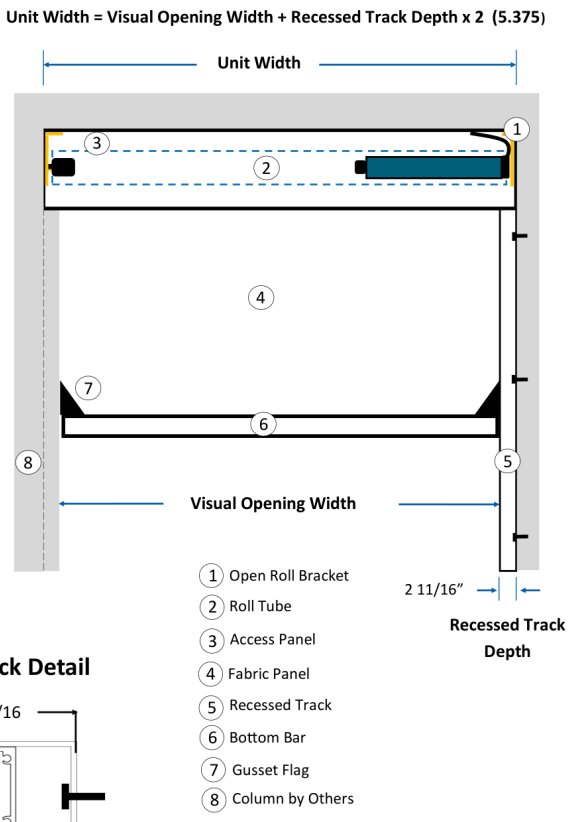
Housing, tracks and bottom bar are powder-coated aluminum in the hardware color chosen on the quote: White, Black, Bronze, Slate Gray, Sandstone, Almond, Sierra Tan or Taupe. All three match.

SERIES 5 RECESSED

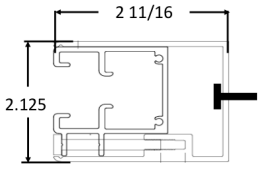
Side View and Pocket Detail



Front View



Recessed Track Detail



Notes:

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

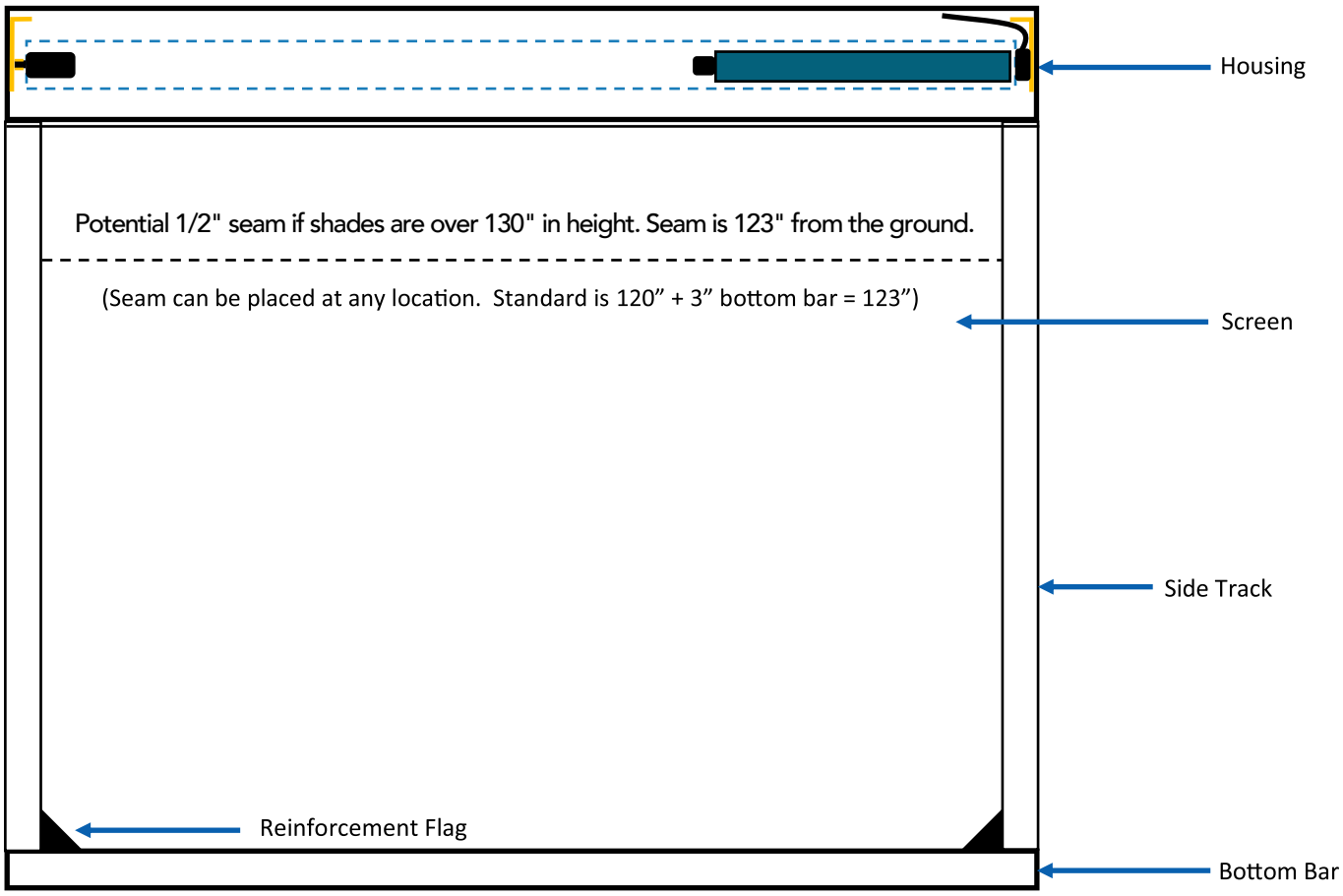
- 10.00" minimum clearance above the opening, 12.00" recommended.
- 5.50" minimum side clearance, 7.50" recommended.
- Access panel may be front or bottom and is provided by others.
- Housing endcaps must be secured properly as they are the load bearing point of the system. On longer units, it is recommended 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, Sandstone, Almond, Sierra Tan or Taupe. All three match.

CLEAR VINYL WINDOW CONFIGURATIONS

VERTICAL CONFIGURATION



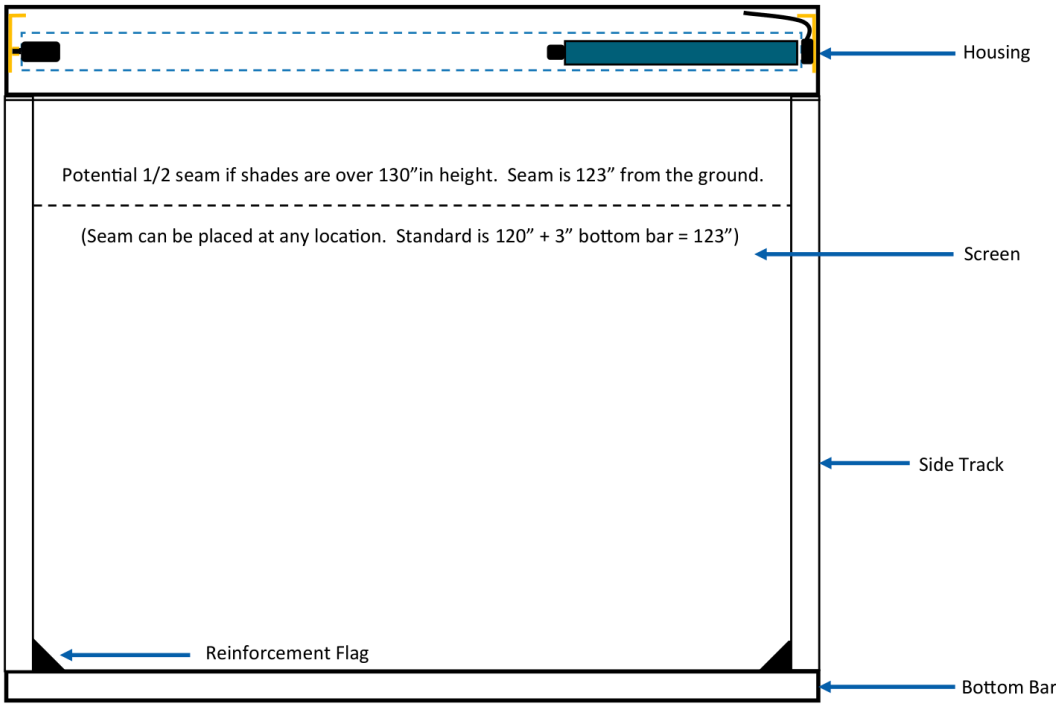
Notes:

- 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:

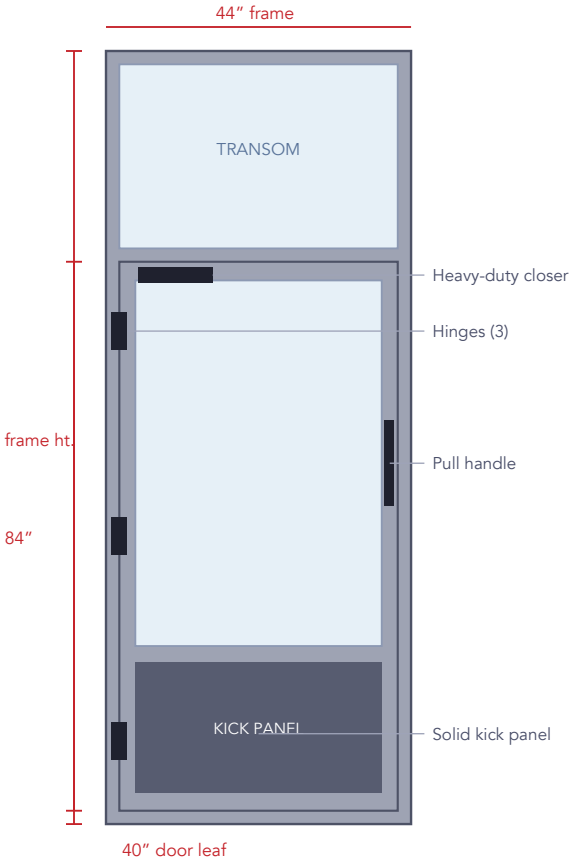
Series	Max Width	Max Height
Series 5	192”	120”
Series 6	240”	144”
Series 7	300”	192”

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 2×2 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 2×2 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.
- Opens outward for egress. Swing and hinge side set at the design consultation.
- Transom above the door is plexi or solid powder-coated sheet metal.

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 (≈ 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 ≈ 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	50 Nm	12 rpm	250 W	2.1 A	3–5 min
TORQUE	TORQUE (METRIC)	SPEED	POWER	CURRENT DRAW	CONTINUOUS RUN

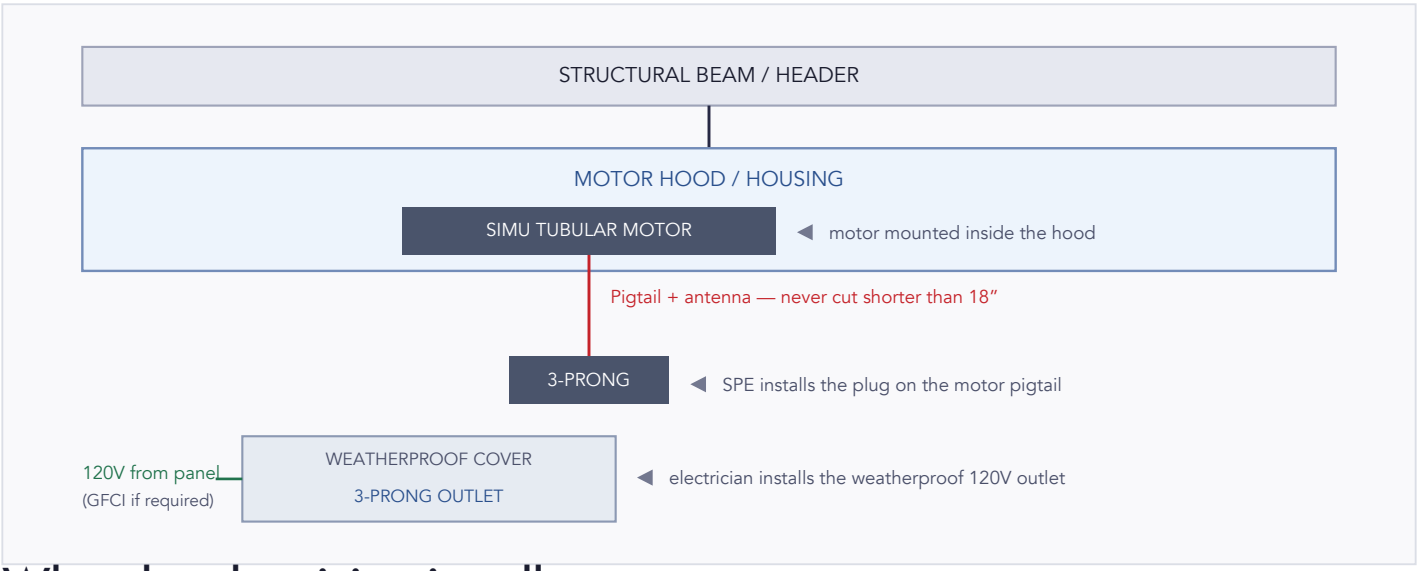
Electronic limit setting, integrated radio receiver, built-in brake and thermal protection. Other torque ratings in the same Simu family are available where a panel calls for it; the final selection is confirmed at engineering.

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 ≈ 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 — 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/yd² (18.5 oz/yd²)	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/m² 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 97

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 / yd²	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.

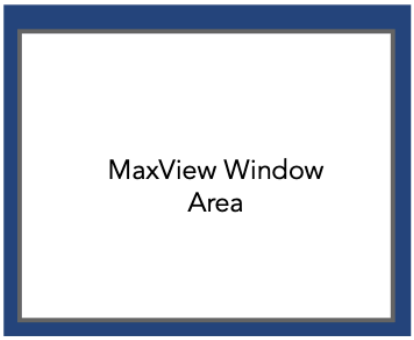
Series	Housing height	Max unit (W × H)
Series 5	5.375″	192″ × 120″
Series 6	6″	240″ × 144″
Series 7	7.4″	300″ × 192″

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

CERTIFICATE OF FLAME RESISTANCE

REGISTERED APPLICATION NUMBER	TRADE NAME of FLAME-RESISTANT FABRIC	ISSUED BY
F - 41501	F/R 18oz BIG TEX	SEATTLE TEXTILE COMPANY 3434 2nd Avenue South Seattle, WA 98134

This is to certify that the materials described below have been flame-retardant treated (or are inherently nonflammable) and were supplied to:

Description: 61" 18oz "F/R" BIG TEX

BEAT THE HEAT SHADING SYSTEMS
13413 FRANKFORD AVE., SUITE A
LUBBOCK, TX 79242

Style: I-TRW10131817(M) **Item #:** VI-ST18-061-XXM

Color(s): White, Royal, Navy, Red, Green, Brown, Tan, Black and Gray

Certification is hereby made that:
The articles described on this certificate have been made from a flame-resistant Fabric Registered and approved by the California State Fire Marshal, equal to or exceeds CSFM, NFPA 701 – Test 1 (Small Scale), NFPA 701 – Test 2 (Large Scale), CPAI-84, & NYC MEA

The Flame Retardant Process Used WILL NOT Be Removed By Washing And Is Effective For The Life Of The Fabric

SEATTLE TEXTILE COMPANY	Signed: Scott Kaczmarek
Name of Applicator of Flame Resistant Finish	Certification Specialist – Scott Kaczmarek / Seattle Textile Company

~~~ This Certificate Expires on: 12/31/2028 ~~~

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

SGS GOVMARK

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

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
Soyang Technical Textile (Zhejiang) Co., Ltd
No.36 Jinniu Rd. Jianshan District
Haininh City, Zhejiang PR, China

Key Test: NFPA 701-2019 TM#2 Flat 525

Tel: 011 86- 571 28918687 **Ext:**
Fax:

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 - 2019 Edition - Test Method #2 - Flat Sheet Specimens

SPECIMEN CONFIGURATION: [x] Single Layer; [ ] Multi Layer

RESULTS REPORTED: [x] Initially [ ] After 72 hours water leaching
[ ] After 3 dry cleanings [ ] After 100 hours accelerated weathering
[ ] After 5 launderings @ 160°F

RESULTS:

Specimen #	Length	Afterflame (seconds)	Flaming Drip/Debris (seconds)	Char Length (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:

[x] Passes; [ ] Fails; [ ] Requires testing of 5 additional specimens

(Page 1 of 2)

File Copy

NFPA 701 TEST REPORT (CONT.)

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

SGS GOVMARK

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

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
Soyang Technical Textile (Zhejiang) Co., Ltd
No.36 Jinniu Rd. Jianshan District
Haininh City, Zhejiang PR, China

Key Test: NFPA 701-2019 TM#2 Flat 525

Tel: 011 86- 571 28918687 **Ext:**
Fax:

PRECONDITIONING: [ ] 1 hr @ 220°F (Standard)
[x] 24 hrs @ 68±9°F (Alternate: Material shrinks/distorts @ 220°F)

REMARKS: None.

CONVERSION FACTORS:

mm ÷ 25.4 = inches
g/m² ÷ 28.35 x .835 = oz/yd²

CERTIFICATION: I certify that the above results were obtained after testing specimens in accordance with the procedures and equipment specified above.

---------- Phyllis Pettit
AUTHORIZED SIGNATURE
SGS GOVMARK
/gb
/pm

JUL 0 5 2019

(Page 2 of 2)

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.

File Copy

DESIGN OPTIONS

Vinyl Colors

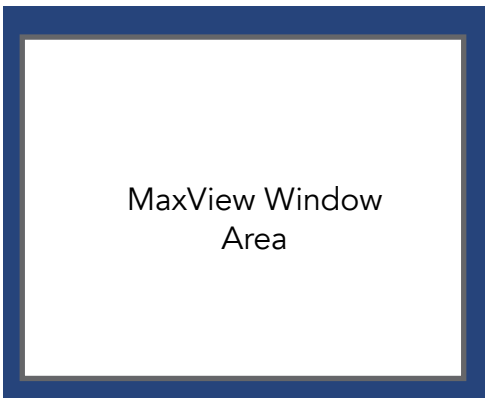
White
Yellow
Orange
Red
Brown
Tan
Green
Lime
Light Blue
Charcoal
Royal Blue
Navy
Dark Purple
Gray
Black

Aluminum Powder Coating

White
Black
Bronze
Slate Gray
Sandstone
Almond
Sierra Tan
Taupe

Window Options

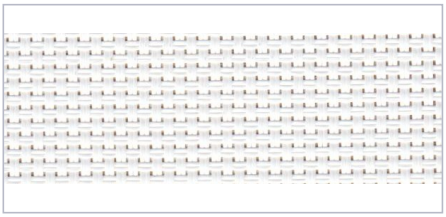




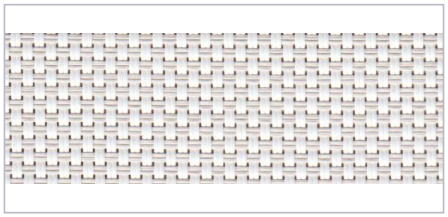
*Updated June 2024

SUN SHADE COLORS

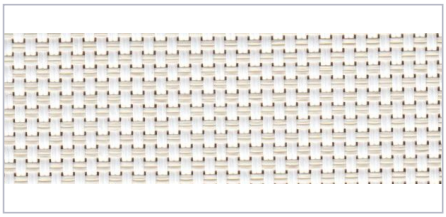
Textilene Nano 97 sun shade, 126" rolls. Blocks up to 97% of UV at 3% openness. Every color below is stocked in Nano 97; Nano 99 is available on request.



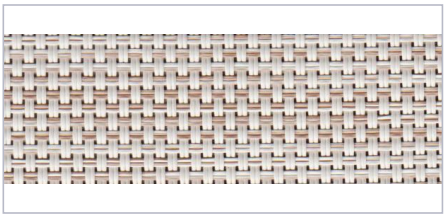
White



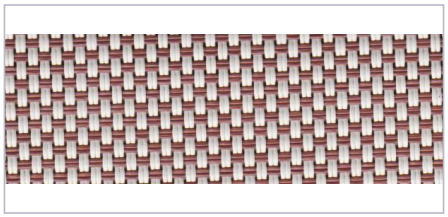
Bone



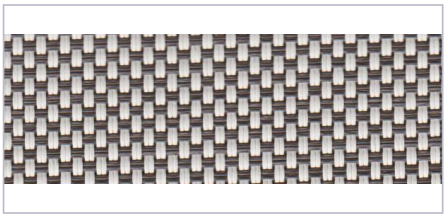
Sable



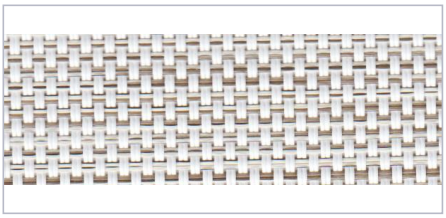
Desert Sand



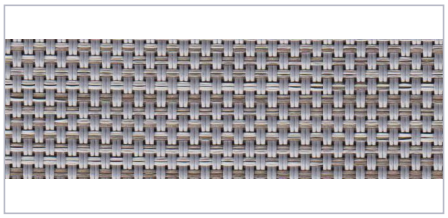
Almond



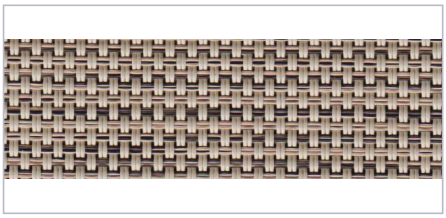
Café



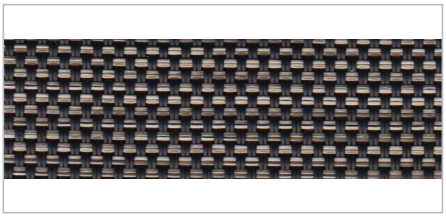
Stone Texture



Shadow Texture



Tumbleweed



Expresso Texture



Granite



Tobacco



Charcoal



Flat Black

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