The Genesis fabric collection features Performance Screens, Designer Screens and Solar Screens, ranging from 1% to 25% openness. Most screen fabrics have an FR rating (NFPA 701 or CA Title 19) and an eco-friendly certification (Greenguard or Oeko-tex 100). Many also have anti-microbial specifications. The ability to use the Genesis fabric as a single roller shade, dual roller shade or Panel Track shade offers versatility in any commercial or educational institution setting.

Genesis Roller Shades feature an SL Clutch and metal hem bar standard; both color coordinated to the shade material. Other options include: Small or Large Cassette, Fascia systems, Light Blockout system and several metal bead chain colors.

Operating the roller shade using a continuous loop bead chain is easy. A Cord Tension Lock is installed on the operating side of the clutch operated shade to secure the cord and keep the continuous loop tight.
Roller Shades
genesis® Window Shades

Manual Roller Shade

• SL Series clutch operation
• Outside mount shade with color coordinated bracket cover
• Color coordinated beaded loop chain
• Optional fabric covered cassette
• Optional 3”, 4” or 5” Fascia
• Fabric comes off the back of the roller
• Metal hem bar for additional weight and stability
• Optional metal bead chain in Black, Antique Bronze or Stainless Steel

Dimensional Guidelines

Manual Roller Shades
Maximum Width: 94” to 126” - Varies by material; Some fabrics can be railroaded (turned length for width)
Maximum Length: 120”; Longer length on some fabrics if larger tube sizes are used

SL Series Clutch Colors: Black, White, Vanilla
R Series Clutch Colors: Black, Vanilla
Metal Hem Bar Colors: Black, Bronze, Brushed Nickel, Desert Tan, White, Vanilla
Small and Large Cassette Colors: Black, Bronze, Brushed Nickel, Desert Tan, White, Vanilla
3” and 4” Fascia Colors: Black, Bronze, Brushed Nickel, White, Vanilla
5” Flat Fascia Colors: Bronze, Brushed Nickel, White
5” Pocket Fascia Colors: Anodized, White
Motorization: Auto-Wand™ and EZ Charge™ Battery; Somfy, QMotion

Dual Roller Shade with 5” Fascia

• Available on all Genesis fabrics
• 5” Flat Fascia available in Bronze, White or Brushed Nickel
• 5” Pocket Fascia available in Anodized or White
• SL Series clutches on both shades
• Bracket end plate supports two shades
• Shades operate independently

Panel Track

• Available on 69 Genesis patterns
• Cord draw or wand control
• One way or split draw design
• Powder coated track; white, brown
• Panel attachment with velcro
• Approximate 3” overlap from panel to panel

Fabric Choices

Total Genesis Collection - 349 skus
Screen Shade Selection - 145 skus
Performance Screens
Designer Screens
Solar Screens with multiple degrees of openness
Openness ranges from 1% to 25%
FR rating on 214 skus in collection
Eco-Friendly rating on 292 skus in collection
Unique E Screen with KOOLBLACK™ Technology and T Screen with KOOLBLACK™ Technology fabrics
Technical certificates located on web site in secured Dealer Center
## SL Clutch System

![Diagram of SL Clutch System]

## 2 Dimensional

![Diagram of 2 Dimensional Window Shade]

## SL Clutch Brackets & Mounting Options

### Wall Mount

- 2
- 2
- 1 1/2
- 1 1/2
- 2
- 2

### Ceiling Mount

- 1 1/2
- 2
- 2 2/8

## Bead Chain Lengths

<table>
<thead>
<tr>
<th>Shade Length Drop</th>
<th>Shade Length Drop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 30&quot; 1 ft.</td>
<td>66 1/16&quot; - 78&quot; 5 ft.</td>
</tr>
<tr>
<td>30 1/16&quot; - 42&quot; 2 ft.</td>
<td>78 1/16&quot; - 90&quot; 6 ft.</td>
</tr>
<tr>
<td>42 1/16&quot; - 54&quot; 3 ft.</td>
<td>90 1/16&quot; - 102&quot; 7 ft.</td>
</tr>
<tr>
<td>54 1/16&quot; - 66&quot; 4 ft.</td>
<td>Over 102&quot; 8 ft.</td>
</tr>
</tbody>
</table>
**Installation Options**

- To the inside of the window frame
- To the wall or front of the window molding
- To the ceiling or top of the window frame

---

**Cassette Systems**

- Small Cassette
- Large Cassette

---

**Fascia Systems**

- 3”, 4”, 5” Flat Fascia
- 4 1/2” Curved Fascia
- 5” Pocket Fascia - 5 5/16” high; 2 5/8” wide Bottom Gravity Lip

---

**EZ Pull System**

- Stop Device with Slide Adjust Bracket
- Wall Mount Bracket
- Aluminum Tube
- Clutch & Spring Drive
- Universal Mount Bracket (Clutch)

---

**EZ Lift System**

- Pin End w/Universal Mount Bracket (Pin End)
- Wall Mount Bracket
- Aluminum Tube
- Clutch Free Spring Drive
- Shade Adjust Bracket

---

**Light Blockout System**

- Clutch Side Fascia Bracket
- Window Shade
- Side Channel
- Pocket Hem Bar (5”) / Side Channel (5”)
- Wood Fin

---

Motorization is available. See Motorization Overview.
SheerWeave 2390/2410/2500  
genesis® window shades

<table>
<thead>
<tr>
<th>Color</th>
<th>SheerWeave Type</th>
<th>Openness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pearl 605</td>
<td>SheerWeave 2390</td>
<td>5% openness</td>
</tr>
<tr>
<td>Sand 725</td>
<td>SheerWeave 2410</td>
<td>3% openness</td>
</tr>
<tr>
<td>Silver 780</td>
<td>SheerWeave 2500</td>
<td>1% openness</td>
</tr>
<tr>
<td>Gray 385</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bronze 122</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charcoal 185</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All colors are available in 1%, 3% and 5% openness.

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades - Select Product Name: Genesis Shades

Other non-stocked colors may be available. Contact our Contract Department.
Shade Fabric Specifications
Styles 2390, 2410 and 2500 are full basketweaves designed expressly for those applications which require a more opaque and non directional fabric. Style 2390/2410/2500 can also be used in exterior roller shades.

**Fire Classification:** California US Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), NFPA 101 (Class A Rating), CAN/CGSB2-4/162-M80, BS 5867 2008 Part 2 Type B Performance, NFPA 701 TM#2 (large scale), and CAN/ULC-S109-03 (large and small scale).

**Bacterial and Fungal Resistance:** ASTM E 2180, ASTM E84(C19SS1), AATCC30 Part 3, ASTM G21, ASTM D 3273, GREENGUARD Mold and Bacteria Standard ASTM 6329; includes Microban antimicrobial additives.

**Environmental Certification:** Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air.


**Standard Uses:** Roller Shades, Panel Track

**Shade Warranty:** Limited Lifetime Warranty

SheerWeave 2390
Fabric Width: 126"
Railroading Available
Composition: 35% Fiberglass, 65% Vinyl on Fiberglass
Mesh Weight: 11.8 oz/sq yd.
Fabric Thickness: .017 in
Openness Factor: Approximately 5%
UV Blockage: Approximately 95%

SheerWeave 2410
Fabric Width: 126"
Railroading Available
Composition: 35% Fiberglass, 65% Vinyl on Fiberglass
Mesh Weight: 14.1 oz/sq yd.
Fabric Thickness: .019 in
Openness Factor: Approximately 3%
UV Blockage: Approximately 97%

SheerWeave 2500
Fabric Width: 126"
Railroading Available
Composition: 37% Fiberglass, 63% Vinyl on Fiberglass
Mesh Weight: 16.25 oz/sq yd.
Fabric Thickness: .024 in
Openness Factor: Approximately 1%
UV Blockage: Approximately 99%

Solar heat control properties of SheerWeave 2390
Fabric installed internally, zero-degrees profile angle

<table>
<thead>
<tr>
<th>Solar Optical Properties</th>
<th>1/8CL</th>
<th>1/4CL</th>
<th>1/4HA</th>
<th>1/2CL</th>
<th>1CL</th>
<th>1HA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>As</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Solar heat control properties of SheerWeave 2410
Fabric installed internally, zero-degrees profile angle

<table>
<thead>
<tr>
<th>Solar Optical Properties</th>
<th>1/8CL</th>
<th>1/4CL</th>
<th>1/4HA</th>
<th>1/2CL</th>
<th>1CL</th>
<th>1HA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>As</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Solar heat control properties of SheerWeave 2500
Fabric installed internally, zero-degrees profile angle

<table>
<thead>
<tr>
<th>Solar Optical Properties</th>
<th>1/8CL</th>
<th>1/4CL</th>
<th>1/4HA</th>
<th>1/2CL</th>
<th>1CL</th>
<th>1HA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>As</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tv</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shade. Darker colors provide maximum glare reduction and visibility.
All colors are available in both 3% and 5% openness

- White 885
- Linen 455
- Stone 820
- Pebble 610
- Cappucino 148
- Sable 714
- Cocoa 208
- Charcoal 185

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades

Other non-stocked colors may be available. Contact our Contract Department.
Shade Fabric Specifications

Fire Classification: NFPA 701-10 TM#1, California US Title 19, CAN/ULC-S109-03 (Small Flame Test),
Bacterial and Fungal Resistance: ASTM E2180 and ASTM G21
Environmental Certification: Certified to GREENGUARD and GREENGUARD Gold standards
for low chemical emissions into indoor air during product usage.
Lead Free: RoHS - Lead Free
Standard Uses: Roller Shades, Panel Track
Warranty: Limited Lifetime Warranty
Care and Cleaning: Remove dust with vacuum cleaner or compressed air.
Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

M Screen (Dimensions)

Fabric Width: 120”
Not Available Railroaded
Composition: 36% Fiberglass, 64% PVC
Weight - 3% Openness: 12.7 oz/sq yd. ± 5%
Weight - 5% Openness: 11.3 oz/sq yd. ± 5%
Fabric Thickness: .022 in ± 5%
UV Blockage: 97% for 3% M Screen
UV Blockage: 95% for 5% M Screen

<table>
<thead>
<tr>
<th></th>
<th>Ts</th>
<th>Rs</th>
<th>As</th>
<th>Tv</th>
<th>CL-S</th>
<th>DG</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SHGC/G Value</strong></td>
<td><strong>3%</strong></td>
<td><strong>3%</strong></td>
<td><strong>3%</strong></td>
<td><strong>3%</strong></td>
<td><strong>3%</strong></td>
<td><strong>3%</strong></td>
</tr>
<tr>
<td><strong>3%</strong></td>
<td>885 White</td>
<td>18</td>
<td>91</td>
<td>71</td>
<td>10</td>
<td>16</td>
</tr>
<tr>
<td><strong>455 Linen</strong></td>
<td>15</td>
<td>19</td>
<td>64</td>
<td>61</td>
<td>21</td>
<td>20</td>
</tr>
<tr>
<td><strong>820 Stone</strong></td>
<td>21</td>
<td>21</td>
<td>62</td>
<td>61</td>
<td>17</td>
<td>18</td>
</tr>
<tr>
<td><strong>610 Pebble</strong></td>
<td>21</td>
<td>22</td>
<td>51</td>
<td>50</td>
<td>26</td>
<td>28</td>
</tr>
<tr>
<td><strong>714 Sable</strong></td>
<td>4</td>
<td>6</td>
<td>12</td>
<td>13</td>
<td>84</td>
<td>81</td>
</tr>
<tr>
<td><strong>185 Charcoal</strong></td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>93</td>
<td>93</td>
</tr>
<tr>
<td><strong>208 Cocoa</strong></td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>5</td>
<td>92</td>
<td>90</td>
</tr>
<tr>
<td><strong>148 Cappuccino</strong></td>
<td>5</td>
<td>7</td>
<td>13</td>
<td>13</td>
<td>82</td>
<td>80</td>
</tr>
</tbody>
</table>

The fenestration tests were conducted in accordance with EN 14501: 2005, ASTM E903-96; Shading Coefficient (SC), Solar Heat Gain Coefficient (SHGC), Solar Transmittance (Ts), Solar Reflectance (Rr), Solar Absorptance (As), Visible Light Transmittance (Tv); 1/4" (6 mm) Clear Glass (CL), 4 mm clear Glass, Single Glazing (CL-S); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG). The above data is indicative.
All colors are available in both 3% and 5% openness

Other non-stocked colors may be available. Contact our Contract Department.

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades
About KOOLBLACK™ Technology

KOOLBLACK™ Technology is a patented technology that enhances dark colored yarn's energy reflectively by increasing its near infrared reflection (NIR).

While conventional dark screen fabric provides superior view through and exceptional glare control, it absorbs the energy that is created by near infrared wavelength. A dark screen fabric with KOOLBLACK™ Technology enables the fabric to reflect more solar heat, therefore, absorb less energy. As a result, KOOLBLACK™ Technology increases the energy efficiency of dark solar shade fabrics to levels comparable with light colors!

Only dark solar shade fabrics with KOOLBLACK™ Technology provide exceptional glare control, comfortable view through and elegant streetside aesthetics while reducing heat.

T Screen with KOOLBLACK™ Technology

Fabric Width: 122"
Not Available Railroaded
Composition: 36% Fiberglass, 64% Vinyl
Weight: 3% - 13.27 oz/sq yd. ±5%
Weight: 5% - 12.48 oz/sq yd. ±5%
Fabric Thickness: 3% - .029" ±5%
Fabric Thickness: 5% - .027" ±5%
Openness Factor: 3% - Approximately 3%
Openness Factor: 5% - Approximately 5%
UV Blockage: 3% - Approximately 97%
UV Blockage: 5% - Approximately 95%

<table>
<thead>
<tr>
<th>Fenestration Properties for T Screen with KOOLBLACK™ Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side</td>
</tr>
<tr>
<td>Dark</td>
</tr>
<tr>
<td>Light</td>
</tr>
<tr>
<td>Dark</td>
</tr>
<tr>
<td>Light</td>
</tr>
<tr>
<td>Dark</td>
</tr>
<tr>
<td>Light</td>
</tr>
</tbody>
</table>

The fenestration tests were conducted in accordance with EN 14501: 2005, ASTM E903-96; G-Value (Solar Heat Gain Coefficient) Solar Reflectance (Rs), Visible Light Transmittance (Tv); Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG). The above data is indicative.

Shade Fabric Specifications

Fire Classification: NFPA 701-2004 TM#1, California U.S. Title 19
Bacterial and Fungal Resistance: ASTM G21, ASTM E2180
Environmental Benefits: RoHS-Lead Free
Standard Uses: Roller Shades, Panel Track
Warranty: Limited Lifetime Warranty
Care and Cleaning: Remove dust with vacuum cleaner or compressed air.
Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.
All colors are available in both 3% and 5% openness

Charcoal / Charcoal 185
Charcoal / Apricot 040
Charcoal / Cocoa 208
Charcoal / Charcoal 185

Other non-stocked colors may be available. Contact our Contract Department.

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades
About KOOLBLACK™ Technology
KOOLBLACK™ Technology is a patented technology that enhances dark colored yarn's energy reflectively by increasing its near infrared reflection (NIR).

While conventional dark screen fabric provides superior view through and exceptional glare control, it absorbs the energy that is created by near infrared wavelength. A dark screen fabric with KOOLBLACK™ Technology enables the fabric to reflect more solar heat, therefore, absorb less energy. As a result, KOOLBLACK™ Technology increases the energy efficiency of dark solar shade fabrics to levels comparable with light colors!

Only dark solar shade fabrics with KOOLBLACK™ Technology provide exceptional glare control, comfortable view through and elegant streetside aesthetics while reducing heat.

E Screen with KOOLBLACK™ Technology
Fabric Width: 122"
Not Available Railroaded
Composition: 36% Fiberglass, 64% Vinyl
Weight: 3% - 11.3 oz/sq yd. ±5%
Weight: 5% - 10.6 oz/sq yd. ±5%
Fabric Thickness: 3% - .020" ±5%
Fabric Thickness: 5% - .019" ±5%
Openness Factor: 3% - Approximately 3%
Openness Factor: 5% - Approximately 5%
UV Blockage: 3% - Approximately 97%
UV Blockage: 5% - Approximately 95%

Fenestration Properties for E Screen with KOOLBLACK™ Technology

<table>
<thead>
<tr>
<th></th>
<th>Rs</th>
<th>Tv</th>
<th>DG</th>
</tr>
</thead>
<tbody>
<tr>
<td>3%</td>
<td>5%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>185 Charcoal / Charcoal</td>
<td>34</td>
<td>33</td>
<td>6</td>
</tr>
<tr>
<td>208 Charcoal / Cocoa</td>
<td>35</td>
<td>32</td>
<td>6</td>
</tr>
<tr>
<td>040 Charcoal / Apricot</td>
<td>38</td>
<td>37</td>
<td>6</td>
</tr>
</tbody>
</table>

The fenestration tests were conducted in accordance with EN 14501: 2005, ASTM E903-96; G-Value (Solar Heat Gain Coefficient) Solar Reflectance (Rs), Visible Light Transmittance (Tv), Double Glazing 4mm/16mm/4mm with low E-coating in position 3, space filled with Argon (DG). The above data is indicative.

Shade Fabric Specifications
Fire Classification: NFPA 701-10 TM#1, California U.S. Title 19 CAN/ULC-S109-03 Small Flame Test
Bacterial and Fungal Resistance: ASTM G21, ASTM E2180
Environmental Benefits: RoHS-Lead Free
Standard Uses: Roller Shades
Warranty: Limited Lifetime Warranty
Care and Cleaning: Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry. You can also very gently rub the fabric with a clean white pencil eraser to remove small stains.

© 2015 Lafayette Venetian Blind, Inc.
Genesis is a registered trademark of Lafayette Venetian Blind, Inc.
KOOLBLACK Technology is a trademark of Mermet USA.
GREENGUARD is a registered trademark of the GREENGUARD Environmental Institute.
Economy Screen

Fabric Width: 118"
Not Available Railroaded
Openness Factor: Approximately 7%
Composition: 70% PVC, 30% Polyester
Weight: 400 g/sq meter ± 5%
Fabric Thickness: 057 mm ± 5%
Colour Fastness Class 4.5  AATCC 16-2003
Tensile Strength: 1464 Warp 1521 Weft
Tearing Strength: 146 Warp 186 Weft
NFPA 701
Oeko-Tex Standard 100
GREEENGUARD Indoor Air Quality Certified
Lifetime Limited Warranty

Fenestration Properties for Economy Screen (Contract)

<table>
<thead>
<tr>
<th></th>
<th>Ts</th>
<th>Rs</th>
<th>As</th>
<th>Tv</th>
<th>Tuv</th>
<th>O-F</th>
<th>1/8&quot; CL</th>
<th>1/4&quot; CL</th>
<th>1/4&quot; H.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>605 Pearl</td>
<td>38</td>
<td>36</td>
<td>26</td>
<td>24</td>
<td>9</td>
<td>10</td>
<td>0.45</td>
<td>0.43</td>
<td>0.37</td>
</tr>
<tr>
<td>725 Sand</td>
<td>34</td>
<td>16</td>
<td>50</td>
<td>18</td>
<td>8</td>
<td>9</td>
<td>0.52</td>
<td>0.51</td>
<td>0.41</td>
</tr>
<tr>
<td>385 Grey</td>
<td>32</td>
<td>6</td>
<td>62</td>
<td>17</td>
<td>8</td>
<td>8</td>
<td>0.75</td>
<td>0.71</td>
<td>0.52</td>
</tr>
</tbody>
</table>

TS = Solar Transmittance
RS = Solar Reflectance
AS = Solar Absorptance
TV = Visual Transmittance

available 7% openness

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades
Vista Screen (Toka Metalized)

Fabric Width: 98”
Metalized Back on all colors (bottom right of swatch)
Not Available Railroaded
Openness Factor: Approximately 4%
Composition:
- 4% vacuum aluminum layer, 28% Polyester, 68% PVC
Weight: 410 gr/sq meter ± 5%
Fabric Thickness: .53 mm ± 5%
NFPA 701 (Class A)
Oeko-Tex Standard 100
GREENGUARD Indoor Air Quality Certified
Lifetime Limited Warranty

Fenestration Properties for Vista Screen (Toka Metalized)

<table>
<thead>
<tr>
<th></th>
<th>Ts</th>
<th>Rs</th>
<th>As</th>
<th>Tv</th>
<th>Tuv</th>
<th>O-F</th>
<th>1/8 CL</th>
<th>1/4 CL</th>
<th>1/4 H.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>605 Pearl</td>
<td>11</td>
<td>45</td>
<td>44</td>
<td>14</td>
<td>7</td>
<td>7</td>
<td>0.47</td>
<td>0.46</td>
<td>0.38</td>
</tr>
<tr>
<td>725 Sand</td>
<td>9</td>
<td>46</td>
<td>45</td>
<td>15</td>
<td>6</td>
<td>6</td>
<td>0.46</td>
<td>0.45</td>
<td>0.35</td>
</tr>
<tr>
<td>098 Silver Sand</td>
<td>9</td>
<td>45</td>
<td>46</td>
<td>13</td>
<td>7</td>
<td>6</td>
<td>0.48</td>
<td>0.46</td>
<td>0.38</td>
</tr>
<tr>
<td>385 Grey</td>
<td>6</td>
<td>48</td>
<td>46</td>
<td>14</td>
<td>6</td>
<td>7</td>
<td>0.48</td>
<td>0.46</td>
<td>0.39</td>
</tr>
</tbody>
</table>

TS = Solar Transmittance
RS = Solar Reflectance
AS = Solar Absorptance
TV = Visual Transmittance
1/8 CL = 1/8” Clear Glass
1/4 CL = 1/4” Clear Glass
1/4 H.A. = 1/4” Heat Absorbing Glass

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades
Viking (TFR)

Fabric Width: 72”
Railroading Available
Opacity: Semi-Opaque; Allows only filtered light inside
Composition: 100% Cotton with Vinyl Coating
Weight: 6.6 oz/sq yd
Fabric Thickness: 10 mm
NFPA 701 (Small Scale-1999)
CA Title #19, Section 12371.1
Federal Test Method Standard 191, Method 5903
GREENGUARD Indoor Air Quality Certified
Limited Lifetime Warranty

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades
No-Lite Fiberglass

Fabric Width: 72"
Railroading Available
Opacity: Opaque; Blocks 99% of light
Composition: 100% Fiberglass
Weight: 13.5 oz/sq yd
Fabric Thickness: 12.8 mm
NFPA 701 (Small Scale-1996)
CA Title #19, Section 12371.1
Federal Test Method Standard 191, Method 5903
Federal Flame Resistant Spec CCC-C-521E, Type II Fiberglass and Flame Resistant Test
GREENGUARD Indoor Air Quality Certified
Lifetime Limited Warranty

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades

Solid colors show the same color on both inside and outside of window.
Duplex colors show the color to the room side and white to the outside.
SheerWeave 7000 Blackout
*genesis* window shades

White 885
Birch Bark 141
Sand 725
Canyon 162
Mushroom 535
Graphite 983
Onyx 562

NFPA 701 FR test results are located in the Materials Library at www.lafvb.com
Select Product Type: Shades
Select Product Name: Genesis Shades

Other non-stocked colors may be available. Contact our Contract Department.
Shade Fabric Specifications
SheerWeave 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors, the look and feel of rich cloth and a PVC-free composition, SheerWeave 7000 will enhance the beauty and function of both commercial and residential spaces.

Fire Classification: California US Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109-03 (large and small scale), ASTM E84 (Class 1) and CAN/CGSB2-4/162-M80


Environmental Certification: Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage.


Standard Uses: Roller Shades, Panel Track

Shade Warranty: Limited Lifetime Warranty

SheerWeave 7000 Blackout
Fabric Width: 118”
Railroading Available
Opacity: Opaque; Blocks 99% of light
Composition: 100% Polyester with Acrylic Foamed Backing
Mesh Weight: 13.41 oz/sq yd.
Fabric Thickness: .026 in

Solar heat control properties of SheerWeave 7000
Fabric installed internally, zero-degrees profile angle

<table>
<thead>
<tr>
<th>Solar Optical Properties</th>
<th>SHGC/G VALUE G-TOT (GLASS &amp; BLIND) Single 1/8CL 1/4CL 1/4HA 1CL 1HA Insulating 1/8CL 1/4CL 1/4HA 1CL 1HA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ts  Rs  As  Tv</td>
<td>0.31 0.31 0.30 0.30 0.30 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>885 White</td>
<td>0 64 36 0 0.31 0.31 0.30 0.30 0.30 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>725 Sand</td>
<td>0 64 36 0 0.27 0.27 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>141 Birch</td>
<td>0 64 36 0 0.27 0.27 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>535 Mushroom</td>
<td>0 64 36 0 0.27 0.27 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>162 Canyon</td>
<td>0 64 36 0 0.27 0.27 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>983 Graphite</td>
<td>0 64 36 0 0.27 0.27 0.26 0.26 0.26 0.26 0.26 0.26 0.26 0.26</td>
</tr>
<tr>
<td>562 Onyx</td>
<td>0 64 36 0 0.31 0.31 0.30 0.30 0.30 0.30 0.24 0.24</td>
</tr>
</tbody>
</table>

TS = Solar Transmittance 1/8 CL = 1/8” Clear Glass
RS = Solar Reflectance 1/4 CL = 1/4” Clear Glass
AS = Solar Absorptance 1/4HA = 1/4” Heat Absorbing Glass
TV = Visual Transmittance 1/2 CL = 1/2” Clear Glass
SHGC = Solar Heat Gain Coefficient 1 CL = 1” Clear Glass
1 HA = 1” Heat Absorbing Glass

Solar Heat Gain Coefficient (SHGC) shown calculated according to Office of Building Technology, State and Community Programs, Energy Efficiency and Renewable Energy, U.S. Department of Energy’s definition of SHGC. SHGC represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system. If you are using glass whose performance is listed in terms of SC, you may convert to SHGC by multiplying the SC by 0.87.
Qmotion Low Voltage Operated
- Extremely quiet operation, industry innovation from Qmotion
- Ability to move shades up and down manually with no remote. Gently pull on the shade bottom to start shade moving
- Convenience of moving the shade up or down, stopping at the top, bottom, three programmable intermediate stops, or anywhere in between
- Side gaps of 1/2” on each side are uniform
- Concealed antenna
- Motor includes 24” wire with male/female quick disconnect
- Universal brackets can be used for IB mount, OB mount, ceiling mount, standard or reverse roll
- Size Standards:
  - Minimum width 17 1/2”
  - Maximum width 118”
  - Maximum length 120”
- Additional Options:
  - Fascia, flat or fabric covered
  - Board mounted fabric wrapped valance
    Shade is mounted on board and board is wrapped in shade material; 4 1/2” high; fabric has velcro attachments to the board.
  - Board mounted Majesty Wood Valance
    Valance mounted on a board; 4 1/2” high, 5 1/2” returns
- Power: 24V DC Single shade, Distribution box or Electrical power box
- Controls: Remotes, Wall Plate, Wall Adapter; Qrelay, Qconnect Qsync

Somfy Sonesse® 30 RTS
- 1 1/2” diameter aluminum tube
- Includes a 24V DC Transformer with 15 ft cord
- Motor can be located left or right side of shade
- Motor includes 7 1/2’ wire
- Size Standards:
  - Minimum width 20”
  - Maximum width 103”; Some fabric width limitations
  - Maximum height 120”
- Additional Options
  - Small or Large Cassette
  - 3”, 4”, 5” Fascia
  - Light Blockout system
  - Power: 24V DC Power Supply Distributed Power (Large Applications)

Somfy Sonesse® 40 RTS
- 1 1/2” diameter aluminum tube.
- Includes a 11 1/2’ wire w/o a plug, designed to be wired in directly
- Motor can be located on left or right side
- Size Standards:
  - Minimum width: 29”
  - Maximum width: 120”
  - Maximum height: 130”
- Additional Options
  - ST40 STD
  - Large Cassette
  - 4” and 5” Fascia

Somfy Sonesse® 50 RTS
- Available on a 2”, 2 1/2” and 3” tube
- Includes a 6’ wire without a plug designed to be wired-in directly
- Motor can be located on left or right side
- Size Standards:
  - Minimum width using ST50: 36”
  - Minimum width using ILT50: 38”
  - Minimum width using LT50 : 32”
  - Max. width of any roller shade on a 2” tube: 120”
  - Max. width of any roller shade on a 2 1/2” tube: 155”
  - Max. width of any roller shade on a 3” tube: 192”
  - Maximum height of any roller shade: 192”
- Additional Options
  - LT50; ILT50
  - 4” and 5” Fascia
  - Power: Optional cord lengths: 3ft, 6ft, 12 ft, 18ft, 24ft

For further motorization information contact the Lafayette Customer Service Motorization Department.
Battery Operated Systems

Qmotion Battery Operated
- Extremely quiet operation, industry innovation from Qmotion
- Ability to move shades up and down manually with no remote. Gently pull on the shade bottom to start shade moving
- Convenience of moving the shade up or down, stopping at the top, bottom, three programmable intermediate stops, or anywhere in between
- Side gaps of 1/2” on each side are uniform
- Concealed antenna
- Most shades use standard D cell batteries, concealed in tube.
- Shades 15 1/2” to 22 1/2” use 3 AA batteries, concealed in tube.
- Universal brackets can be used for IB mount, OB mount, ceiling mount, standard or reverse roll

• Size Standards:
  - Minimum width 15 1/2”
  - Maximum width 118”
  - Maximum length 120”

• Additional Options:
  - Fascia, flat or fabric covered
  - Board mounted fabric wrapped valance
    Shade is mounted on board and board is wrapped in shade material; 4 1/2” high; fabric has velcro attachments to the board.
  - Board mounted Majesty Wood Valance
    Valance mounted on a board; 4 1/2” high, 5 1/2” returns
  - Power: 12V DC Power Supply
  - Controls: Remotes, Wall Plate, Wall Adapter; Qrelay, Qconnect, Qsync

Roll Up WireFree™ RTS (System II)
- Available with Small and Large Cassette
- Available on 1 1/2” aluminum tube
- Includes 12 Volt single reloadable Battery Wand with Lithium batteries and mounting clips

• Size Standards:
  - Minimum width 15”
  - Maximum width 96”
  - Minimum height: 12”
  - Maximum height: 96”

• Additional Options:
  - Power
    12V DC Power Supply (Individual)
    12V DC Power Supply Distributed Power (Large Applications)
    Solar Pack
  - Controls: Single and Multi Channel Remotes; Wall Switches

• Exclusions: Season-Vue

For further motorization information contact the Lafayette Customer Service Motorization Department.