

Honeycomb Shade Specifications

The Honeycomb Shade is a blind incorporating a multi-cell blanket of non-woven fabric made of polyester fibre, with a headrail and bottom rail. It is an internal product, and is available as a Sheer, Light Filtering, Semi Opaque, Designer, Fire Retardant or Room Darkening fabric, depending on the cell size and application chosen.

Features

- Excellent insulation properties, keeping a room warm in winter and cool in summer
- Very low thermal transference, making it exceptionally energy efficient
- Special colour ranges available for Sheer, Light Filtering, Semi Opaque, Designer, Fire Retardant or Room Darkening finish
- Available in a number of operating systems, including Corded, Continuous Cord Loop, Cordless, Day&Night, Side Guided, Top Down Bottom Up, Specialty shapes, Vertical and Motorised options to give you the optimal light and privacy control you desire
- Aluminium headrail and bottom rail, in a variety of colour options
- Available in a range of single or double cell sizes to suit décor and application
- Blanket widths available in either 25mm, 38mm or 45mm sizes (when stacked flat)
- Polyester fibre ensures material will not degrade over time, as can happen with natural fabrics
- Installation brackets are provided to mount on either the inside or the outside of the window frame



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Fabrics

Honeycomb Shades are available in Sheer, Semi Opaque, Light Filtering, Designer, Flame Resistant or Room Darkening fabric, to allow you to design the light flow specific to the location. All fabrics are durable and water repellent, and will provide insulation, privacy and sound absorption benefits to the window. All fabrics are spun by water jets rather than woven, which adds to the strength and durability of the fabric. This is the same process of manufacture of fabric that is used in wet wipes and can be washed if required.

Sheer – This translucent fabric is versatile and adds atmosphere to any room. Sheer fabrics are available as 9.5mm single, 14.3mm single or 19.1mm single cell sizes. The 14.3mm single cell (38mm headrail) is available in Day&Night applications only. The colours available may vary, depending on cell size and application type.

Light Filtering – Offering serene and bright light diffusion with a touch of translucent, the Light Filtering fabrics are available as 9.5mm single, 9.5mm double or 19.1mm single cell sizes and offer the widest colour selection to provide limitless décor schemes. Look no further than Light Filtering for unmatched beauty and quality. The colours available may vary, depending on cell size and application type.

Semi Opaque – Medium opacity for enhanced light diffusion to suit any décor. Semi Opaque fabric is available in a large range of pastel, neutral & darker colours and is also available in 9.5mm single, 9.5mm double & 19.1mm single cell sizes. The colours available may vary, depending on cell size and application type.

Designer – Creates the look of exotic materials without the fuss. Available in Light Filter, Semi Opaque or Room Darkening fabrics, depending on the colour and design combination chosen. There are four different designs available; Rustica, Langley, Portola and Foliage. Each different design is only available in particular colours. Designer fabrics are available in 9.5mm single, 9.5mm double and 19.1mm single cell sizes and the colours available may vary, depending on cell size and application type.

Fire Retardant – This fabric complies with the US National Fire Protection Association standard NFPA 701 and is available in 9.5mm single, 9.5mm double & 19.1mm single cell sizes. The colours available may vary, depending on cell size and application type.

Room Darkening – This high opacity fabric provides privacy and calming light reduction by using a blackout coating to ensure that it really does darken a room. Room Darkening fabrics have a higher thermal efficiency than the Sheer, Light Filtering, Semi Opaque or Fire Retardant fabrics and are available in 9.5mm single, 9.5mm double & 19.1mm single cell sizes. The colours available may vary, depending on cell size and application type.



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Opacity Variations

Each of the fabric types allows a differing amount of light through the shade. Please refer to the image below as an example of the opacity variations between each of the fabric types.

Designer fabric is available in Light Filtering, Semi Opaque and Room Darkening opacities, while the Fire Retardant fabric is slightly less transparent than the Semi Opaque fabric type.



Sheer

Light
Filtering

Semi
Opaque

Room
Darkening

Designer Pattern Variations

Each of the four available patterns/designs in the Designer fabric range is available in two opacities and five colours. The opacities and colours available vary, depending on the design chosen; refer to the Colour Coordination & Availability Chart for details.



Foliage



Langley



Portola



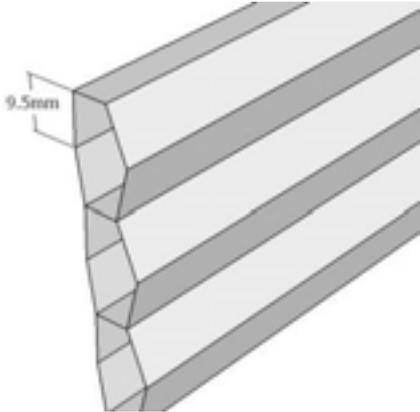
Rustica

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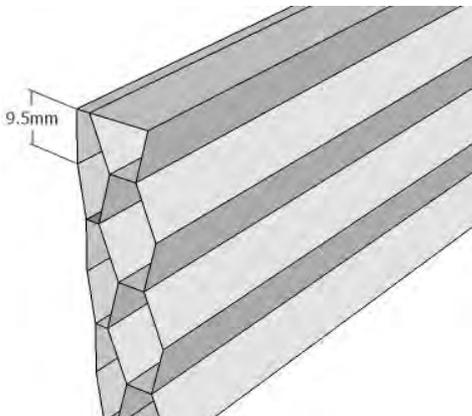
Thermal Resistance - A cellular structure creates a pocket of air, which naturally reduces heat transference (similar principle to double glazing), so honeycomb shades are excellent insulators. The size of the cell and the fabric itself also contribute to the level of insulation. Adding cellular shades to your windows can block as much as 62% of the heat transfer into or out of a room. This assists greatly in keeping a room warm in winter and cool in summer.

Cell Sizes

9.5mm Single Cell – This is the smallest of the cell sizes. The headrail on this shade only measures 25mm and so it is great to fit into windows with little or no reveal depth. On inside mount you will require a minimum reveal depth of 25mm to accommodate the bracket and shade (this depth requirement may vary depending on operation type).

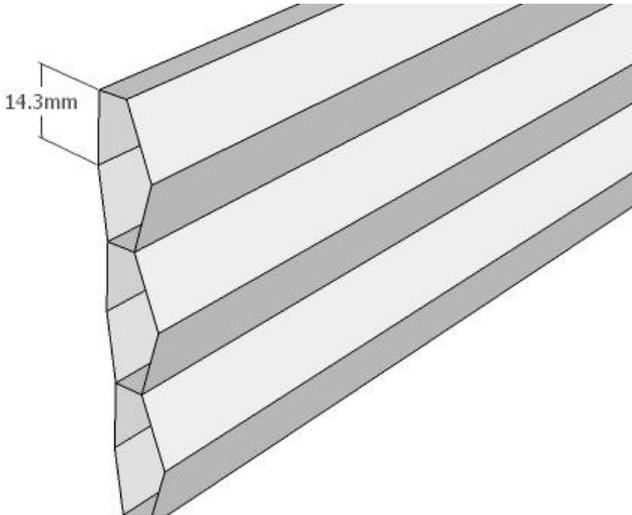


9.5mm Double Cell - This fabric has a double cell structure that increases the thermal efficiency of the shade. The headrail on these shades measures 38mm. The minimum reveal depth for inside mount is 38mm (this depth requirement may vary depending on operation type).

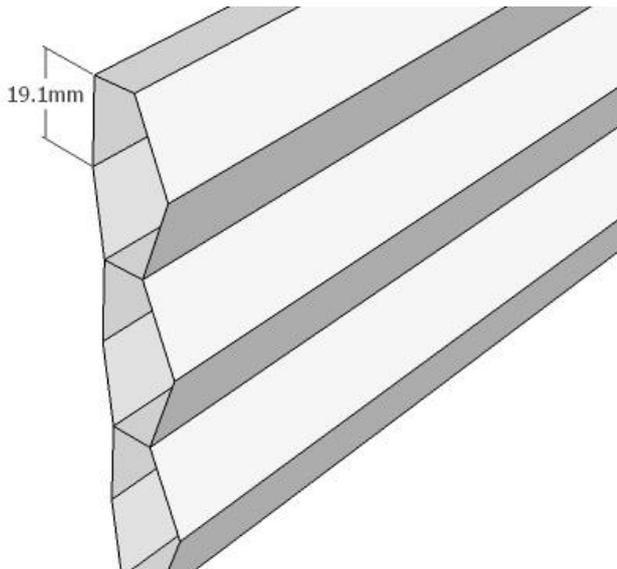


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14.3mm Single Cell – This is a unique cell size, in that it is only available in the Sheer fabric type and can only be ordered for Day&Night Corded or Day&Night Cordless applications. The headrail on these shades measures 38mm. The minimum reveal depth for inside mount is 43mm (this depth requirement may vary depending on operation type).



19.1mm Single Cell – This is the largest of the cell sizes and is better suited to larger openings where a smaller cell size may not look proportionate. The headrail on these shades measures 45mm. The minimum reveal depth for inside mount is 45mm (this depth requirement may vary depending on operation type).



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Control Options

SmartRise™ Cordless

SmartRise™ Cordless shades are available in 9.5mm single cell, 9.5mm double cell and 19.1mm single cell, as well as being available in all fabric types.

The shade operates with a spring loaded mechanism in the top rail and is simply lifted and lowered to the desired position by hand with the use of a handle. If the client is not able to reach the handle when the shade is fully raised or fully lowered, a high access pole is available.



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Corded

Corded shades are operated by a lifting cord, which can be located on either the left or right side of the shade. This operation type is a cost effective and easy to use system. Corded shades are available in all fabric types and 9.5mm single, 9.5mm double and 19.1mm single cell sizes.

All Corded shades will be supplied with the required child safety devices, and all appropriate safety labels and instructions.



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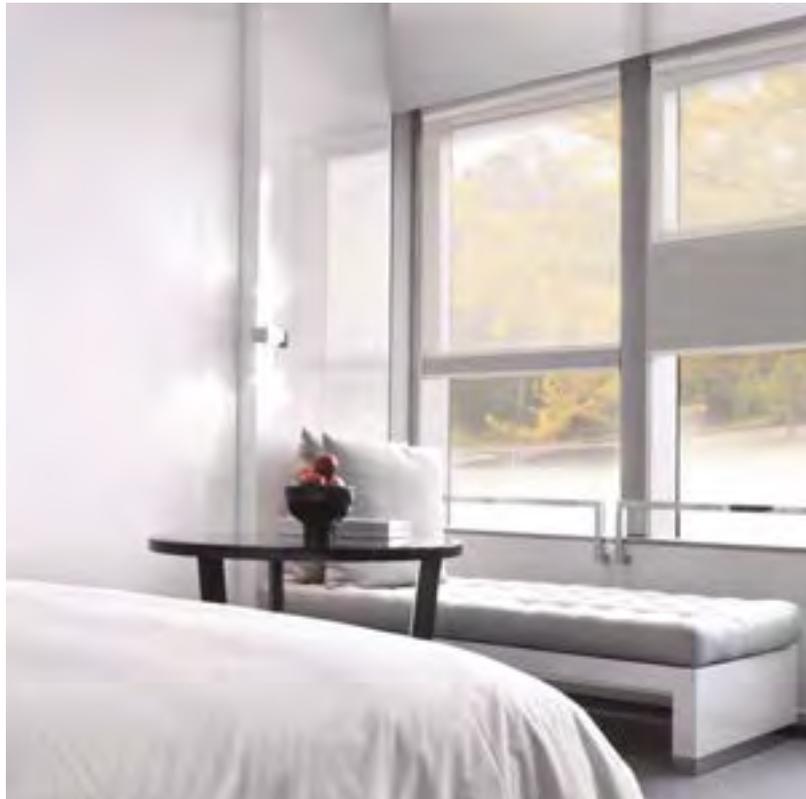
Day&Night – Corded, Cordless & Cord Loop

Effectively, this system provides two fabric types/colours in the one opening. The entire shade can be raised from the bottom of the opening, or the middle rail can be adjusted to expose either the Sheer or opaque fabric, which are both fitted within the same shade. The top rail is fixed into position and cannot be adjusted.

The blanket above the middle rail is a Sheer fabric as standard, and the blanket below the middle rail can be supplied as Room Darkening (default), Semi Opaque, Light Filtering or Designer as required. The Sheer fabric is available in the bottom of the shade if requested. This single shade can provide complete light block and privacy or alternatively allow filtered light into your room.

The Day&Night shade can be supplied with corded, cordless or cord loop control. If requested as a cord control, the middle rail will be controlled by the right cord and the bottom rail by the left cord. If requested as cord loop control, the cord loop will be on the right side as default. The shade will open and close in a cycle; if completely raised, the middle and bottom rails will both descend and when the bottom rail has reached its limit, the middle rail will then begin to ascend and can then be positioned. Retracting the shade will function in the reverse.

Note: The bottom rail must be lowered before lowering the middle rail. Likewise, the middle rail must be raised before raising the bottom rail.



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Continuous Cord Loop

Continuous Cord Loop shades are available in all fabric types, and 9.5mm single, 9.5mm double and 19.1mm single cell sizes.

Continuous Cord Loop operates by fixing a cord bracket to the reveal or face of an opening. The shade cord is tensioned into the bracket and will remain at the same length no matter which position the shade is raised to (similar operation to a roller blind). This application is great for clients who do not wish to have any dangling cords, and/or the window height is too big to use a cordless system and still reach the handle for operation.

Three different gearing ratios are used, and the selection is based on the overall size of the shade. A 1:1.5 gearing ratio is supplied for all Cord Loop shades with an area of less than 1.86m², a 1:3 gearing ratio is supplied for all shades with an area of less than 4.64m² and a gearing ratio of 1:7 is supplied for any shades with an area larger than 4.64m². Customers should be made aware that those shades using the 1:7 ratio (larger windows) will be slower to raise and lower than shades using the 1:1.5 or 1:3 ratio (smaller windows).



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SmartFit™

SmartFit™ is an innovative shade application, engineered to provide flexibility in light and privacy control, while eliminating cords in the centre of the shade. SmartFit™ shades are available in all fabric types and, depending on the application type chosen, 9.5mm single, 9.5mm double and 19.1mm single cell sizes. The 9.5mm double and 19.1mm single cell sized shades are also supplied with an aluminium cover for added light blocking.

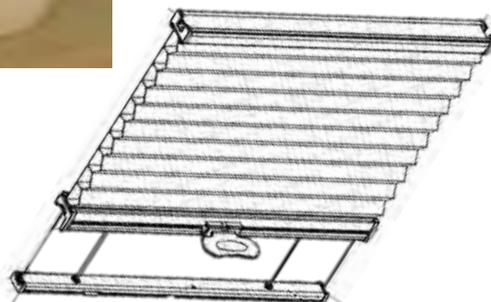
The SmartFit™ design allows the shade to be mounted with 1mm-3mm clearance gaps to minimize light leakage and maximize privacy. When the shade is fully extended, the hardware is completely concealed for a sleek and contemporary look and is fitted with an adjustable tension system to ensure consistent and long-term shade performance. This shade can be drawn completely to the top or bottom of the opening, or anywhere in between.

SmartFit™ Sloped is available for window applications that are angled between 15° and 90° such as skylights. The SmartFit™ shades supplied for sloped windows retain the benefit of adjustable tension; however, the top rail is fixed in place with only the bottom rail available for adjustment. A high access pole may be required for shades supplied for sloped windows or skylights.

The SmartFit™ shade can also be added to a special L frame, which has a built in rebate that goes behind the shade to eliminate direct light gaps. This option uses a Phoenixwood L frame in a range of five colours, which can be face mounted to any flat surface, and can even be used on French doors (where handles allow). The 'SmartFit™ with L Frame' option is only suitable for outside mount applications.



SmartFit™



SmartFit™ Sloped
G-10



SmartFit™ with L Frame

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Top Down Bottom Up (TDBU) – Corded, Cordless & Cord Loop

Top Down Bottom Up (TDBU) shades provide precise light and privacy control, making the shade an ideal solution for rooms that require natural, indirect light, while still providing a certain level of privacy when required. TDBU shades are available in all fabric types and, depending on the application type chosen, 9.5mm single, 9.5mm double and 19.1mm single cell sizes.

This shade can be drawn completely to the top or bottom of the opening, or anywhere in between, giving unlimited light control and privacy options.

The TDBU shade can be supplied with corded, cordless or cord loop control. If requested as a cord control, the middle rail will be controlled by the right cord and the bottom rail by the left cord. . If requested as cord loop control, the cord loop will be on the right side as default. The shade will open and close in a cycle; if completely raised, the middle and bottom rails will both descend and when the bottom rail is has reached its limit, the middle rail will then begin to ascend and can then be positioned. Retracting the shade will function in the reverse.



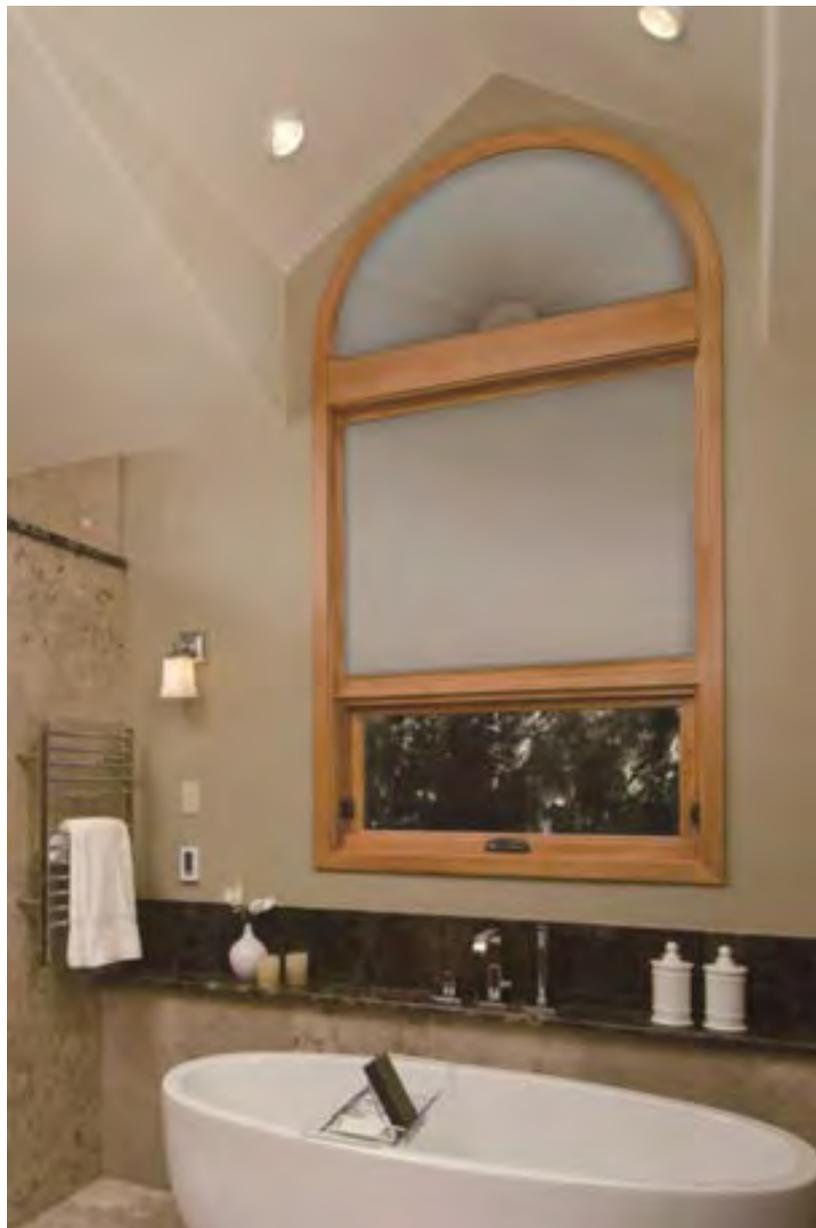
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Specialty

Specialty shaped honeycomb shades are suitable for arched, eyebrow or triangular shaped window openings. Available in 9.5mm single, 9.5mm double and 19.1mm single cell sizes and most fabric types, the Specialty shades will provide an elegant completion to any room and offer a solution for those difficult windows.

Specialty shades are fixed in place with special brackets and clips, which support the blanket material to prevent loss of shape. Once fitted, these shades are not operational.

No templates are required for Specialty shades as only straight sides or perfect curves will be supplied. Specialty shaped shades are available for inside mount applications only.



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Vertical

Vertical shades retain the style, simplicity and elegance of a traditional honeycomb shade while providing a functional option for sliding doors and windows. With Left or Right Stack, Split Stack or Travelling Centre Stack, as well as a Day&Night option, this shade is extremely versatile in its application possibilities.

Available as a 19.1mm single cell in most fabric types, the vertical shade will complement other window coverings in the home.

The Day&Night vertical is supplied with a Sheer fabric on the left as standard, with the option of Room Darkening (default), Light Filtering, Semi Opaque or Designer fabric on the right. The Sheer fabric is available on the right if requested. The cord colour will be supplied to match the Sheer fabric while the rail colour will match the other fabric selected for the item.



Centre Stack Vertical



Day&Night Vertical

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Motorised

Motorised shades are available in all fabric types, and 9.5mm single, 9.5mm double and 19.1mm single cell sizes as well as being available as a single shade, a 2on1 shade, a Top Down Bottom Up shade or a Day & Night shade.

The Motorised shade operates by using either the remote control or the manual control button (located on the headrail) to raise or lower the shade smoothly and quietly, making the Motorised shade an excellent addition to any home or office. A motor is concealed in the headrail with the default location for the motor in the right side of the headrail for single, Top Down Bottom Up and Day&Night shades; however, this can be located on the left if requested. 2on1 shades will have a motor on the left side of the left shade and on the right side of the right shade.

The Battery Wand that powers the motor is 433mm long with a diameter of 20mm, and can be requested to be mounted onto the back of the headrail or on the reveal/wall. The Battery Wand is supplied with a 200mm cable for connecting to the motor and takes 8 x non-rechargeable AA batteries (not supplied). If the battery wand is to be mounted to the reveal/wall, the end that the motor is mounted in will require more careful consideration. The expected battery life of the battery wand is approximately 6 months, depending on usage.

The white 15 channel remote is paired to each motorised shade at the factory, to the specific channel requested for each shade, and takes 1 x 3 volt CR2450 battery (not supplied). The '0' channel on the remote has the same function as an 'All' channel and operates all shades. The expected battery life of the remote control is approximately 10 months, depending on usage.



15 Channel remote
(White only)



3 volt CR2450
remote battery
(not supplied)



Battery Wand

Honeycomb Shade Specifications

Components

Rail Colours

Agave



Cream



Sahara



Black Ink



Fern



Sand



Celery



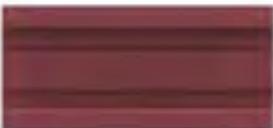
Ginger Spice



Silver



Chili Pepper



Indigo



Sky



Chocolate



Nature



Terra



Cinnamon



Petal



White



Cottage White



Plum Purple

