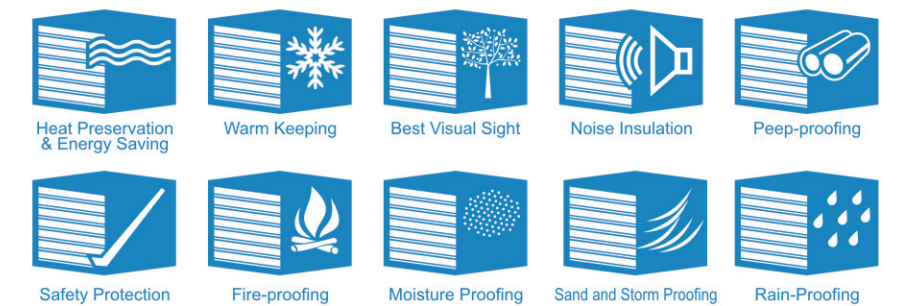


# Extruded Roller Shutter Series



## Sunshade Energy Saving Roller Shutter Window

- Combined the protective with decorative functions, it is an ideal substitute products instead of the traditional protection anti-theft frame, freely open and close by manual crank, electric switch and remote controller, thus you will not have visual pollution and without cage-restrict feeling, it becomes yours safty access even there is any emergency state.
- Light and well ventilated even though the shutter was closed, it can quicken the cooling or heating effect of air condition, and it has safety, comfortable, energy-saving, noise insulation and artistic looking features.
- Human oriented design, it has fashionable and high-class outlooking, well visual sight and peep proofing.
- Interligentize controlling by various driving types.
- Optional colors and styles.
- We can provide the comprehensive, systemic and professional solutions according to use' s requirement.





# Nine Reasons for Choosing Energy-saving Roller Shutter Window!



## 1. Heat-insulation, Energy-saving and Environmental Protection

The shutter installed with cover box, which cut off the heat bridge between roller shutter window and indoor, to reach the well energy-saving effect, so as to make a good air isolation layer between the glass window and roller shutter. If a thermal-break glass window adds an roller shutter which can cut off the cold and thermal current exchange between indoor and outdoor, so as to reach the heat-insulation and energy-saving function up to 40%, it can make the  $\pm 4^{\circ}\text{C}$  difference in temperature comparing the glass window without installing our roller shutter window.

## 2. Sound-proofing, Noise Reduction, and Interference Prevention

Shinilion sunshade roller shutter window uses the top quality material, which makes the high noise insulation factor to reduce the noise pollution, when the shutter is full closed, it can reduce 10dB noise to prevent the interference from the noise, you may have sweet dreams in such quite night.

## 3. Privacy Space, Free Breathing

When the roller shutter is opened, you will not have any visual pollution or cage-restrict feeling, when closed, such respirable punched design not only make the room be well ventilated and to guarantee the fresh air but also let you breathe freely and to enjoy the private life indoor.

## 4. Wireless Remote Controller, Comfortable Experience

The roller shutter is driven by motor can be operated by wireless remote controller, therefore no need to damage the wall for routing the wire or any of the room fitment. If the shutter installed a light sensor, then it will automatically open or close according to the light intensity so that to make your home living more comfortable, more convenient, more modern and fashion.

## 5. Wind Proofing, Sunshade, Dust-proofing and Sand proofing

The aluminium roller shutter window is a strong protection for your glass window, no matter the weather is windy, rainy, hail or burning-sunny, it lets you have a comfortable living room space forever. It also well keep your furniture, floor and wooden window or door way from the burning sunshine.

## 6. Stable Defending, Safety and Security

The roller shutter window is a defending barrier for your house. We adopt the high intensity, high tenacity aluminium material as the shutter profile and frame, combined with the anti-break safety-guard, thus to full protect your personal safety, property safety like a firm guard wall to anti-thief. And if there is any emergency inside the room, it is easy to open to escape.

## 7. Trinity, Multi-function

As our new technology, we combined the adelomorphic screen with the roller shutter by install it into the coving box as a whole structure which makes the shutter more practical. In the summer, when you open the roller shutter, you can pull down the screen for mosquito proofing. Not only saved the space for install the screen, but also saved a lot of cost.

## 8. Unique Design

Shinilion roller shutter window provide you the comprehensive, systemic and professional solutions according to user's specific requirement by selecting different types covering box and shutter colors to make you have more than hundred type for selecting, it can build the individual architectural out facade, to make the harmonious room style.

## 9. Intelligent Control, Easy Operation

Group of motor-driven roller shutters can be controlled by a multiple-channel controller to open or close them, and can change the group numbers at any time according to user's needs. Even the whole building roller shutters can be controlled by a multiple-channel controller, that makes the operation easier and interesting.

# Energy-saving Roller Shutter Window Provide You Interlligentize Operation Ways

## Manual Crank Operation

Easy operation, the handle size was designed according to the human engineering, especially the gear box design can reduce more friction comparing with other products, to prolong the using life, with laborsaving and high efficiency feature, this manual system can operate the roller shutter under 8 square meters.



## Tape Coiler Driving Operation

Easy operation, economical and reliable, take small space, the tape material uses high quality nylon with longer life, this system can add some laborsaving system to make the whole operation more human oriented, it can operate the roller shutter under 4 square meters.



## Remote Controller Driving Operation

Wireless remote controller, freely operation, the user can operate the shutter by the single-channel or multiple-channel remote controller.



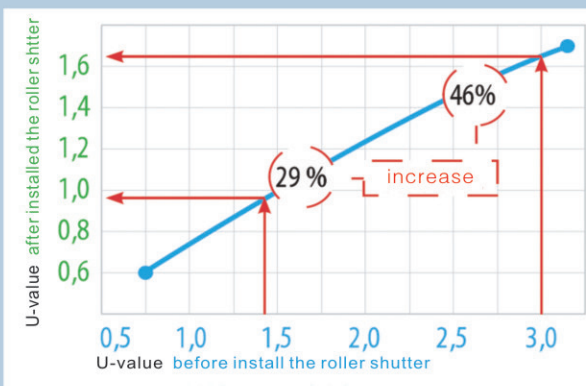
## Electric Manual Switch Driving Operation

The operation way is the same easy and practical as the common electric, in the present intelligentize day and age, this operation can be connected with internet.





## Improve the U-value by the Roller Shutter Window

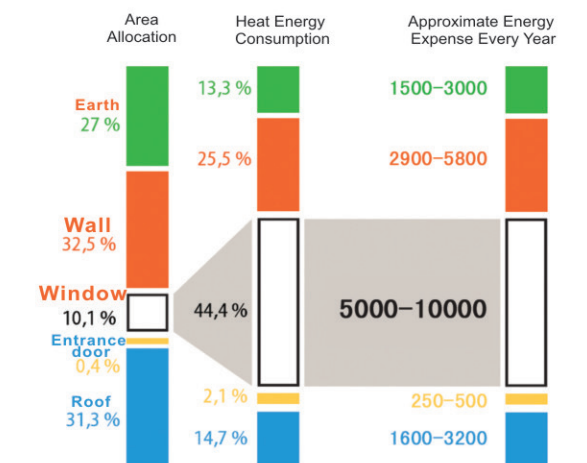


■ U-value is a parameter to measure the window system thermal performance, the smaller, the better.

■ After installed the roller shutter, it can increase 46% (U-value 3) of the thermal performance for the old window system. Also for the full new window system, it can increase 29% (U-value 1.5).

## Energy-saving Roller Shutter, Your Best Energy-saving Assistant

- There have more than 1600–2000 million square meters established houses every year, 99% buildings have high energy consumption in the existing 40000 million square meter area houses.
- Although the total windows area only takes 10% average of the building surface area, while it takes 44.4% of the whole energy loss rate.
- But we can increase 46% U-value for the old glass windows by installing Shinilion energy-saving roller shutter windows.
- Thus to form a very effective heat insulation air mattress between the roller shutter and the glass window.
- You can install our shutter on any building windows; Shinilion will design the individual plan for you.
- Shinilion will provide the best solution for your building by our rich color and various covering box shape.
- Only changing the glass window can't make anything for the thermal performance, our shutter is the one and only choice for you.
- Shinilion roller shutter integrates into the modern fashion breath, it rolls the quality, design, innovation, multi-function into one.





## Energy-saving Roller Shutter Window Function: Sunshade and Resisting the Severe Weather

- The aluminum roller shutters provide you the excellent protection under any weather conditions, no matter it has rain, snow, hail or storm outside, the shutter resists them out of the building in an effective way, so as to reduce the glass window to be influenced by the severe weather.
- In the summer, the roller shutter greatly reduced the sunshine intensity , the punched design keeps the air exchange indoor and outdoor, to avoid the wooden window, furniture and wooden floor become deformed or damaged, so as to make a cool and comfortable living room.
- In the winter, the roller shutter effectively resisted the indoor heat run off outdoor, thus to reach the summer heat insulation and winter warm-keeping function.
- In the frequently storm and hurricane coastal area, Shinilion' s professional hurricane roller shutter and roller door can resist the storms and hurricanes, the non-outside-float design also reduced the drop-off danger so as to protect your and others' life security and property safety.





## Energy-saving Roller Shutter Function: Unique Design and Aesthetics Colors



Our shutter makes your room be special and showing your high taste, comparing with the plastic roller shutters, our aluminum roller shutters will let you have more unexampled honorable and high-grade feeling. Using the aluminum material to make the roller shutter, can make the shutter has the longest using life, reliable performance and elegant outside shape.

■ The aluminum roller shutter windows not only provide people the perfect heat preservation, sunshade, noise insulation functions, but also decorate out side of your building. With more than hundred assembling types on the covering box selection and the roller shutter color selection, it offers individual colors, installation solutions that makes your house be out of the common. We adopts the high quality, high intensity aluminum material, and the aluminum surface treatment was made by high quality multiple-layer baking finish that make the surface been high-grade and fashionable, absolutely having high-quality colors and glossiness, scratch resistant, corrosion prevention, easy cleaning, and can guarantee 15 years.



## Roller Shutter Function: Safety Guarding



### Provide You the Safety Guarding Roller Shutter Products!

■ Shinilion aluminum roller shutter window has passed the international safety testing, it is an edge tool for resisting the burglarizing. With high intensity, high tenacity aluminum shutter profile, combining with special anti-break and the self-lock system, the roller shutter has the function of anti-striking intensity and safety guard function, so that to make your living room more safe.

With high intensity, high tenacity aluminum shutter profile, combine with special anti-break and the self-lock system, the roller shutter has the function of anti-striking intensity and safety guard function.

No matter it is outside installation or hidden installation, both of them have the safety guard function.





## Roller Shutter / Specification



	Box Selection	Slat Selection	Max Height	Max Width	Color	
	137	32mm	3000mm	2500mm		
		37mm	3500mm	3000mm		
		42mm	3600mm	3000mm		
		55mm	3500mm	4000mm		
		56mm Hurricane	3500mm	4000mm		
		39mm Foam	3000mm	2500mm		
	165	45mm Foam	4000mm	3000mm		
		180	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	200	45mm Foam	4000mm	3000mm		
		220	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	240	45mm Foam	4000mm	3000mm		
		260	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	280	45mm Foam	4000mm	3000mm		
		300	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	320	45mm Foam	4000mm	3000mm		
		350	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	350	45mm Foam	4000mm	3000mm		
		205	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	250	45mm Foam	4000mm	3000mm		
		160	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	180	45mm Foam	4000mm	3000mm		
		200	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	220	45mm Foam	4000mm	3000mm		
		240	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	240	45mm Foam	4000mm	3000mm		
		260	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	280	45mm Foam	4000mm	3000mm		
		300	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	320	45mm Foam	4000mm	3000mm		
		350	32mm	3000mm	2500mm	
			37mm	3500mm	3000mm	
			42mm	3600mm	3000mm	
			55mm	3500mm	4000mm	
			56mm Hurricane	3500mm	4000mm	
39mm Foam	3000mm		2500mm			
	350	45mm Foam	4000mm	3000mm		



# roller shutter slat styles



**Name: 32mm double layer slat**

Thickness: 8.3mm  
Weight: 5.1Kg/m<sup>2</sup>  
Maximum width: 2.5m  
Maximum height: 3.0m  
Maximum area: 7m<sup>2</sup>  
Quantity of per meter height: 31 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%,12%)



**37mm single layer slat**

Thickness: 8.3mm  
Weight: 6.2Kg/m<sup>2</sup>  
Maximum width: 3.0m  
Maximum height: 3.0m  
Maximum area: 8m<sup>2</sup>  
Quantity of per meter height: 27 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (20%)



**Name: 42mm double layer slat**

Thickness: 10mm  
Weight: 5.7Kg/m<sup>2</sup>  
Maximum width: 3.0m  
Maximum height: 3.0m  
Maximum area: 9m<sup>2</sup>  
Quantity of per meter height: 24 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 55mm double layer slat**

Thickness: 11.3mm  
Weight: 5.9Kg/m<sup>2</sup>  
Maximum width: 4.0m  
Maximum height: 3.5m  
Maximum area: 12m<sup>2</sup>  
Quantity of per meter height: 18 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 55mm double layer slat**

Thickness: 14mm  
Weight: 9.7Kg/m<sup>2</sup>  
Maximum width: 4.0m  
Maximum height: 3.5m  
Maximum area: 12m<sup>2</sup>  
Quantity of per meter height: 18 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 56mm double layer hurricane slat**

Thickness: 14mm  
Weight: 10.3Kg/m<sup>2</sup>  
Maximum width: 4.0m  
Maximum height: 3.5m  
Maximum area: 12m<sup>2</sup>  
Quantity of per meter height: 18 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 56mm double layer hurricane slat**

Thickness: 14.5mm  
Weight: 12.3Kg/m<sup>2</sup>  
Maximum width: 6.5m  
Maximum height: 4.0m  
Maximum area: 22m<sup>2</sup>  
Quantity of per meter height: 18 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 68mm double layer slat**

Thickness: 14.5mm  
Weight: 7.2Kg/m<sup>2</sup>  
Maximum width: 4.0m  
Maximum height: 5.8m  
Maximum area: 8m<sup>2</sup>  
Quantity of per meter height: 15 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 64mm double layer slat**

Thickness: 14mm  
Weight: 6.9Kg/m<sup>2</sup>  
Maximum width: 5.5m  
Maximum height: 4.0m  
Maximum area: 16m<sup>2</sup>  
Quantity of per meter height: 16 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 77 single layer slat**

Thickness: 17.5mm  
Weight: 8.0Kg/m<sup>2</sup>  
Maximum width: 5.5m  
Maximum height: 4.0m  
Maximum area: 20m<sup>2</sup>  
Quantity of per meter height: 13pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (20%)



**Name: 77 single layer slat**

Thickness: 17.5mm  
Weight: 8.0Kg/m<sup>2</sup>  
Maximum width: 5.5m  
Maximum height: 4.0m  
Maximum area: 20m<sup>2</sup>  
Quantity of per meter height: 13pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: Micro-hole



**Name: 77 double layer slat**

Thickness: 18.4mm  
Weight: 6.9Kg/m<sup>2</sup>  
Maximum width: 6.5m  
Maximum height: 6.5m  
Maximum area: 35m<sup>2</sup>  
Quantity of per meter height: 13pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated



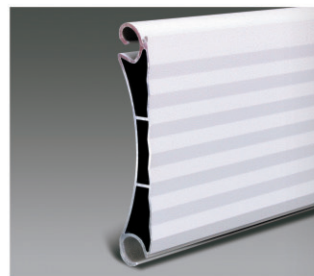
**Name: 78 double layer slat**

Thickness: 18.6mm  
Weight: 6.6Kg/m<sup>2</sup>  
Maximum width: 6.0m  
Maximum height: 5.7m  
Maximum area: 30m<sup>2</sup>  
Quantity of per meter height: 13 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



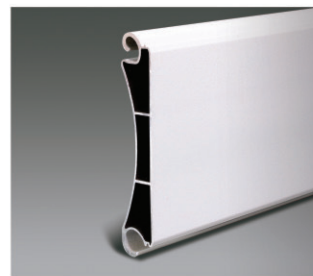
**Name: 100 double layer slat**

Thickness: 22.4mm  
Weight: 6.3Kg/m<sup>2</sup>  
Maximum width: 7.0m  
Maximum height: 8.3m  
Maximum area: 40m<sup>2</sup>  
Quantity of per meter height: 10 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



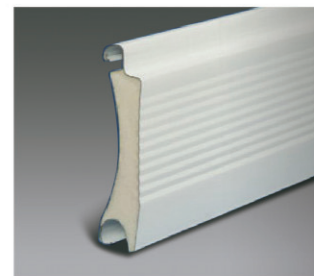
**Name: 120 double layer slat for hurricane**

Thickness: 23.5mm  
Weight: 14.0Kg/m<sup>2</sup>  
Maximum width: 8.5m  
Maximum height: 7.8m  
Maximum area: 55m<sup>2</sup>  
Quantity of per meter height: 8 pcs  
Surface treating: powder coating  
Color: Yellow wood, dark wood  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 120 double layer slat for hurricane**

Thickness: 25.5mm  
Weight: 12.0Kg/m<sup>2</sup>  
Maximum width: 9.0m  
Maximum height: 8.0m  
Maximum area: 25m<sup>2</sup>  
Quantity of per meter height: 8 pcs  
Surface treating: powder coating  
Color: White, Beige, Grey  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 95mm foam slat**

Thickness: 25mm  
Weight: 10.0Kg/m<sup>2</sup>  
Maximum width: 8.0m  
Maximum height: 6.5m  
Maximum area: 46m<sup>2</sup>  
Quantity of per meter height: 11 pcs  
Material: 0.45 mm galvanized steel plate  
Color: White, Beige, Grey  
(Other color can be made upon customer's request.)  
Pattern: unperforated



**Name: 39 mm foam slat**

Thickness: 10mm  
Weight: 3.5Kg/m<sup>2</sup>  
Maximum width: 2.5m  
Maximum height: 3.0m  
Maximum area: 7m<sup>2</sup>  
Quantity of per meter height: 27 pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 45 mm foam slat**

Thickness: 9mm  
Weight: 4.2Kg/m<sup>2</sup>  
Maximum width: 3.0m  
Maximum height: 4.0m  
Maximum area: 8m<sup>2</sup>  
Quantity of per meter height: 23 pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 55 mm foam slat**

Thickness: 12.5mm  
Weight: 4.6Kg/m<sup>2</sup>  
Maximum width: 3.5m  
Maximum height: 4.2m  
Maximum area: 11m<sup>2</sup>  
Quantity of per meter height: 18pcs  
Material: 0.3mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated, perforated (2%)



**Name: 77 mm foam slat**

Thickness: 20.0mm  
Weight: 5.0Kg/m<sup>2</sup>  
Maximum width: 5.5m  
Maximum height: 4.2m  
Maximum area: 18m<sup>2</sup>  
Quantity of per meter height: 13pcs  
Material: 0.46mm Aluminum plate  
Surface treating: Baking finish  
Color: White, Beige, Grey (Other color can be made upon customer's request.)  
Pattern: unperforated