

AVORA DOORS

GARAGE DOOR PANEL

Avora Doors – where innovation, style, and durability come together. Our premium garage door panels are crafted to enhance your home's curb appeal with exceptional quality and timeless elegance. Discover the difference in craftsmanship that lasts.

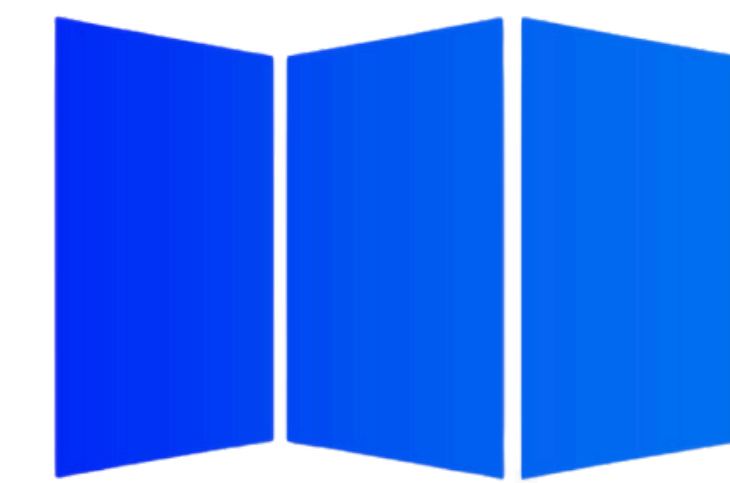
Contact Number: +1 512-522-2284

Email: info@avoradoors.com

Website: www.AvoraDoors.com

Address: Texas Facility

1309 Ave H Grand Prairie, TX 75050



AVORA DOORS

Advanced technology



Our team is highly experienced in sandwich panel production. With the global leading desing software and the perfect design flow product from Aoxing always lend the tendency of the garage door production development.

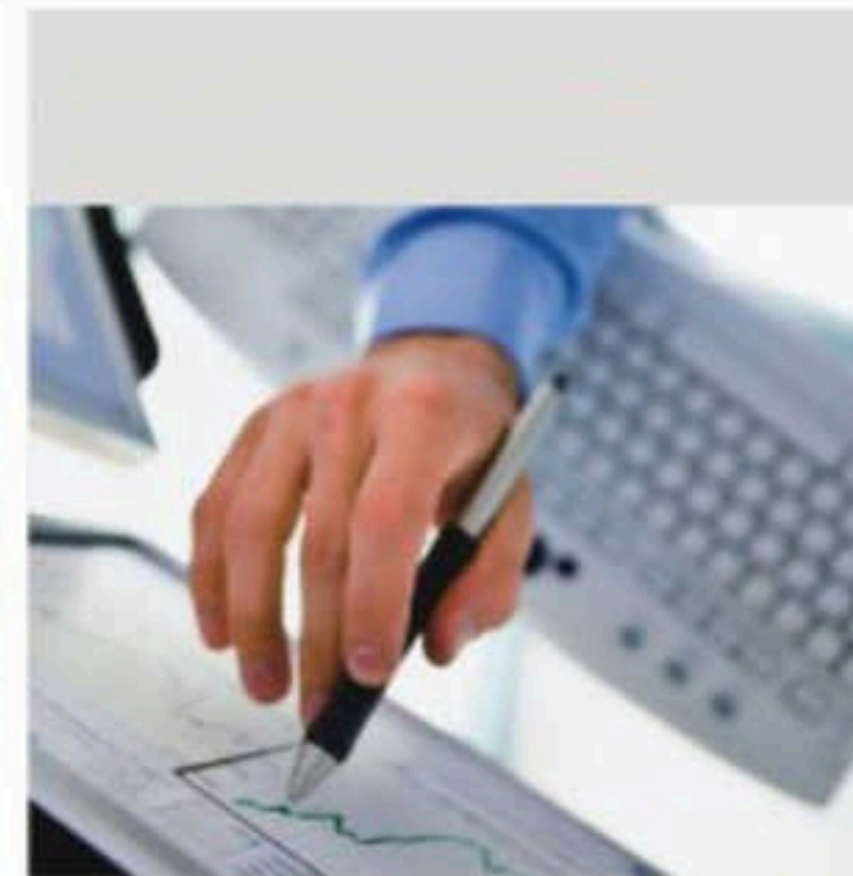
Quality control



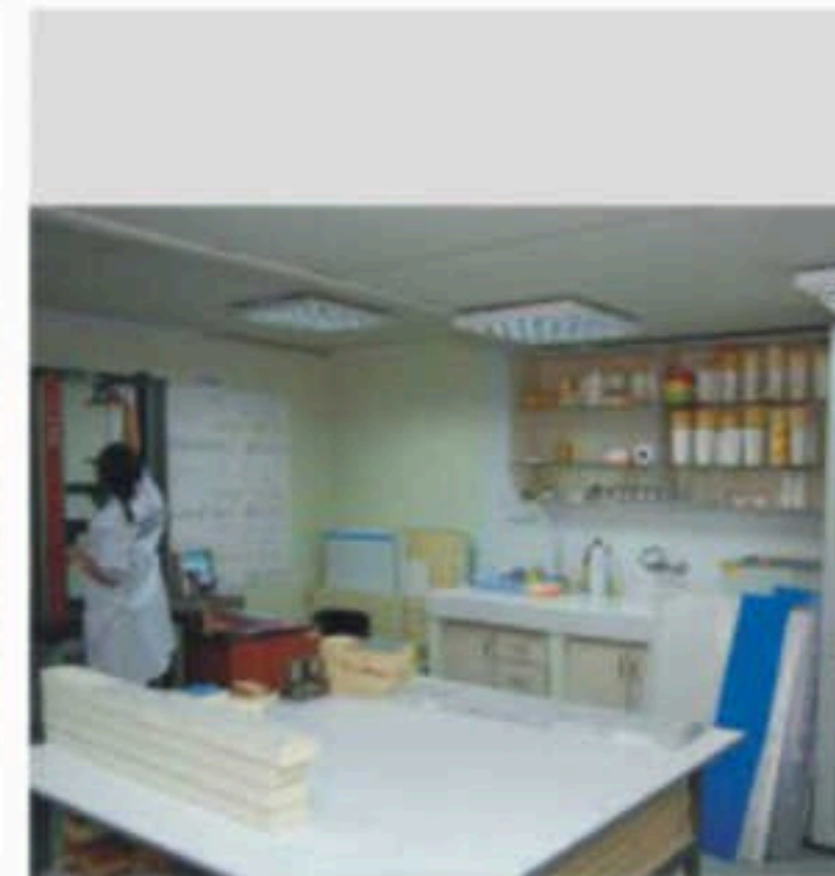
With the advanced testing devices and the quality standard of "65" emphasize the management of the manufacturing process to ensure the quality product.



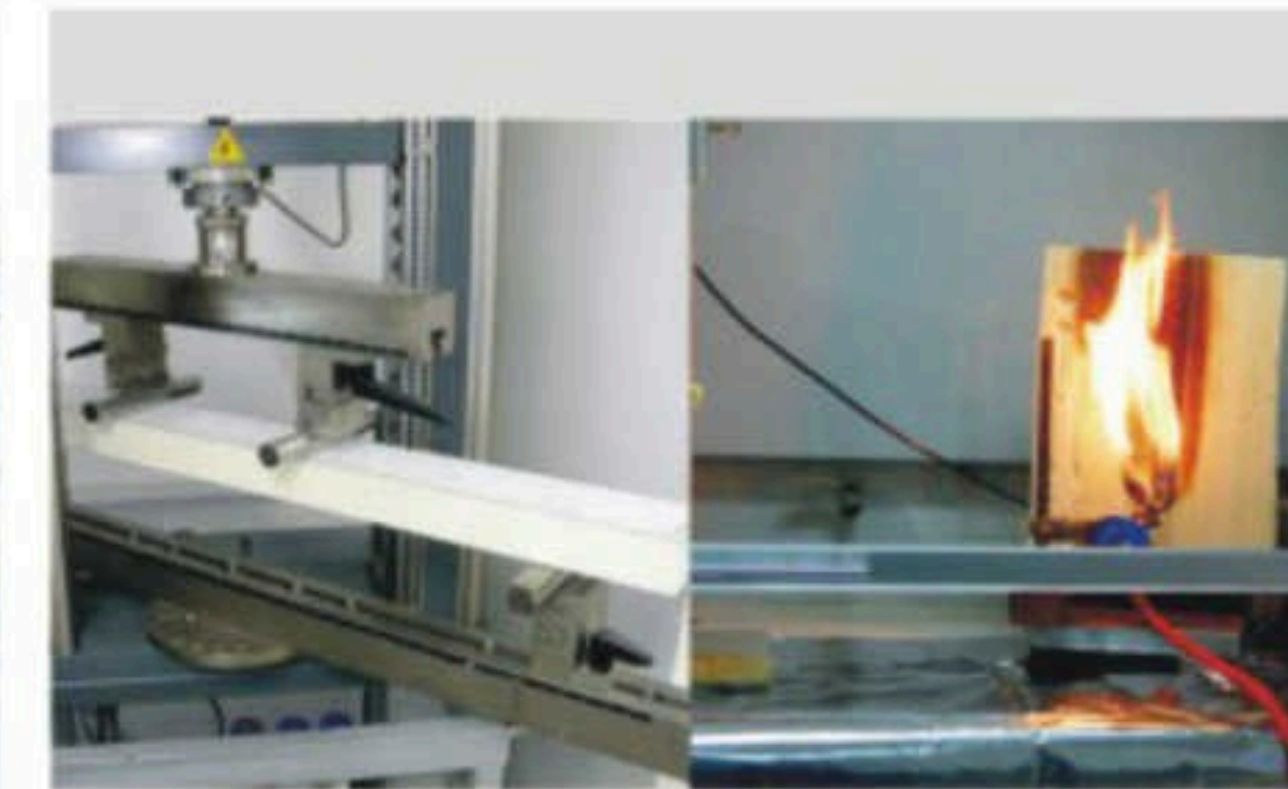
Attracting and retaining top engineers, will keep pace with the international level of technology and quality.



The perfect design flow ensures an overall testing and certification, foring a well combination of humanization design and security design.



Strict site testing and third-party certification, putting scentific design into practice.

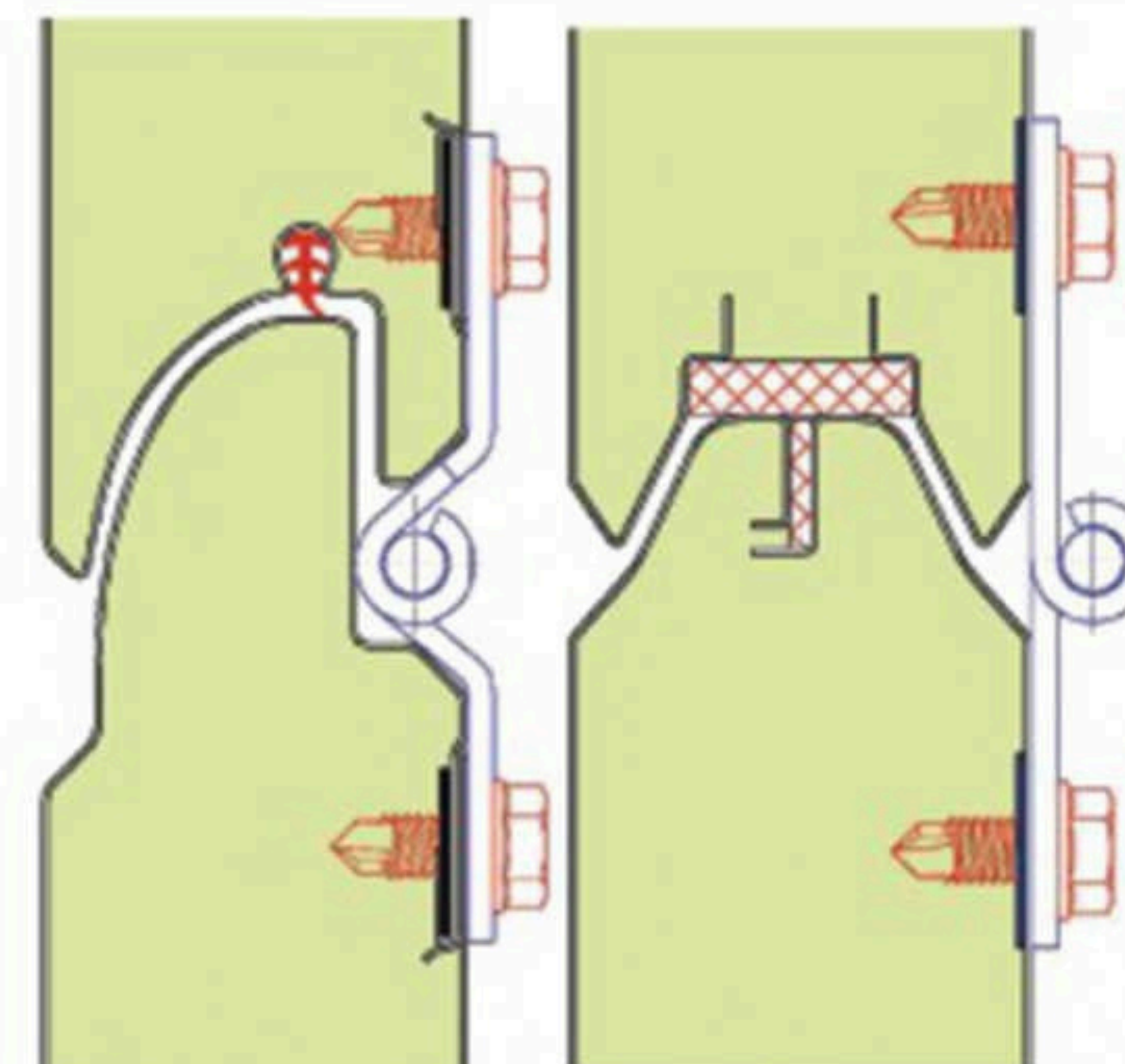


Professional and strict inspection process and advanced testing equipment ensure good quality of each product.



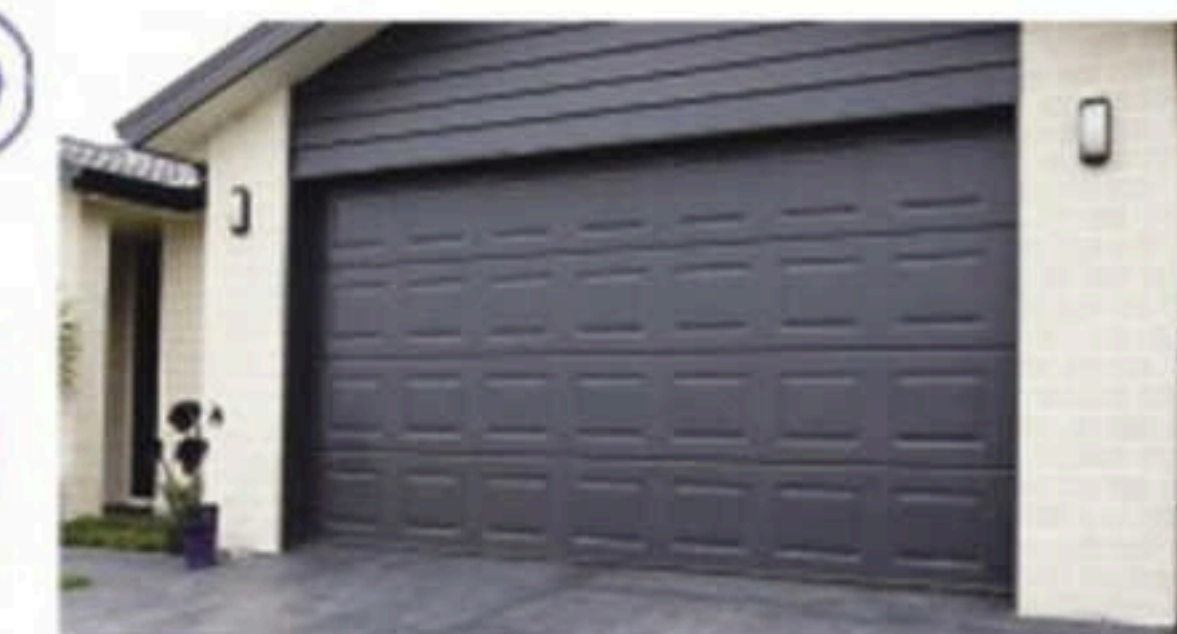
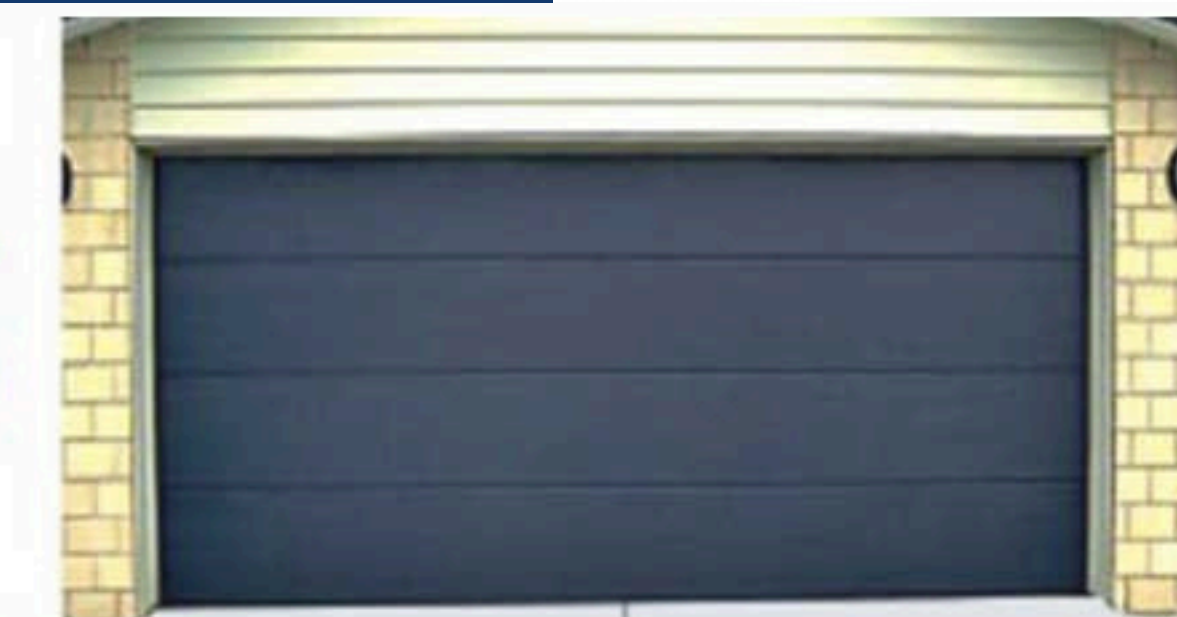
AVORA DOORS

Door Panel Style



Finger safe panel

American standard thermal break bridge insulation door panel



Smooth

Orange peel

Wood grain

PU Sandwich garage door panel

- ▲ The density of the garage door panel is 40kg/m³, which could offer high thermal efficiency and sound insulation to your garage door.
- ▲ The thickness is 40mm, which make the garage door panel has excellent mechanical properties, the size is stable, even under low temperature the panels strength will not change; the panels long-term heat resistance temperatures are between -60°C—+100°C.
- ▲ There are internal reinforce steel plate(1.0mm thick, and 16mm width)pre-laid along the panel at the joints, so the hinges could be fasten strongly on the panel to ensure the longtime service life. And also because of that the panel could be cut at any size to assembly doors with different sizes.
- ▲ There is one rubber seal at panel joints which will stop the heat transferring to avoid the "cold-bridge" and keep the energy be inside the garage.
- ▲ The external skins of the garage door panel are PPGL steel which will not rust, and the stability of their painting colors meeting 25~30 years using life.
- ▲ There are three kinds of surface texture: Wood grain, Micro-wave and Smooth.



Available patterns

Structure		Finger safe	Break thermal bridge
Section's height		450mm 500mm 550mm	500mm 550mm
Section's thickness		40mm	43、50、75mm
Material	External/inner layer	PPGL steel made of hot-dipped galvanized	
	Insulation	Polyurethane foam	
Surface Finished	External layer	Wood grain、 Orange peel、 Smooth	
	Inner layer	Orange peel	
Patterns	External layer	Flat、 Line、 Cassette、 Ranch	
	Inner layer	Stripe	



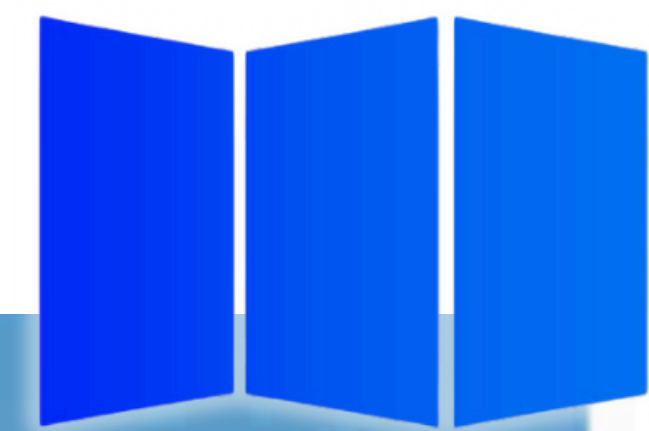
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PATTEN 1
Flat pattern garage door

Elegant surface modeling, calm and indifferent.

Rice white flat pattern garage door installed in Perth, Australia.



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Finished



Smooth



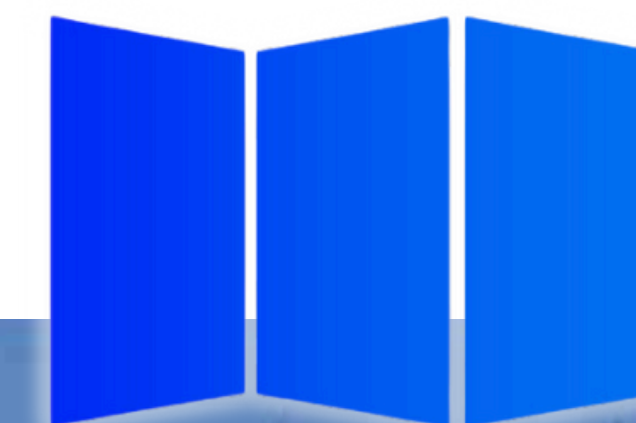
Wood grain



Orange peel



AVORA DOORS - THE INNOVATIVE GARAGE DOOR COMPANY



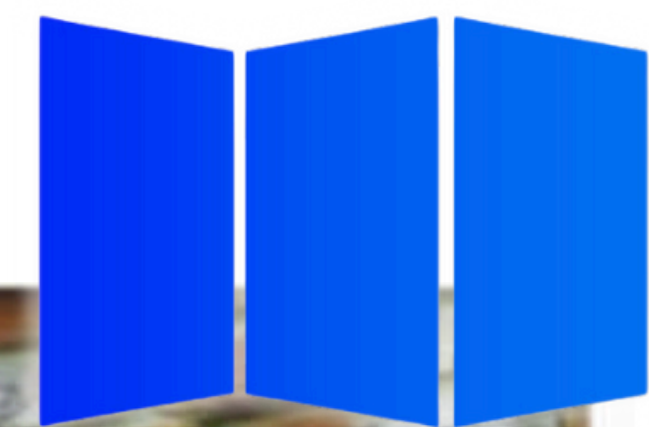
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PATTEN 2
Line pattern garage door

Simple and subtle, the world is prosperous in one corner

Single - stripe garage door, gold oak, installed in a luxury villa in Johannesburg, South Africa.



AVORA DOORS



Finished



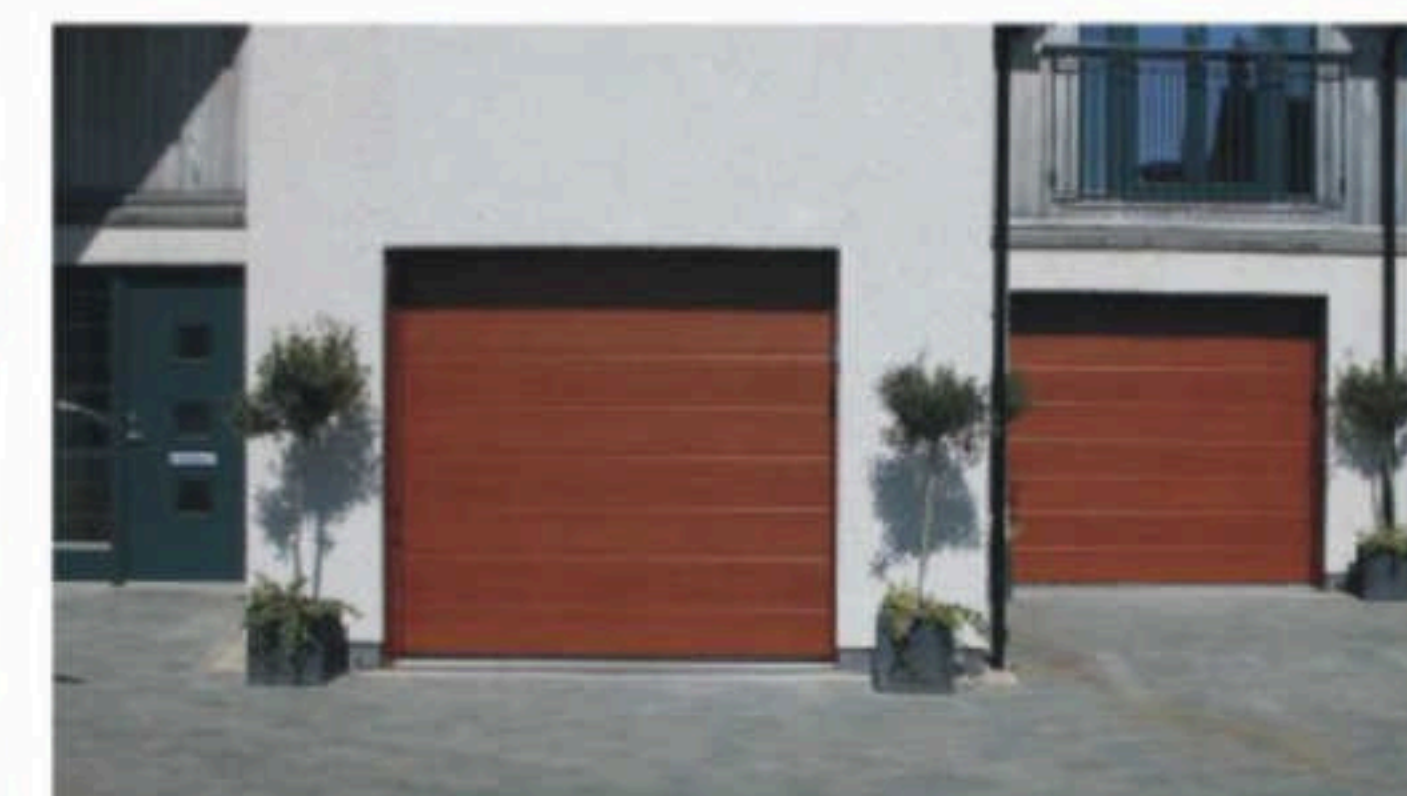
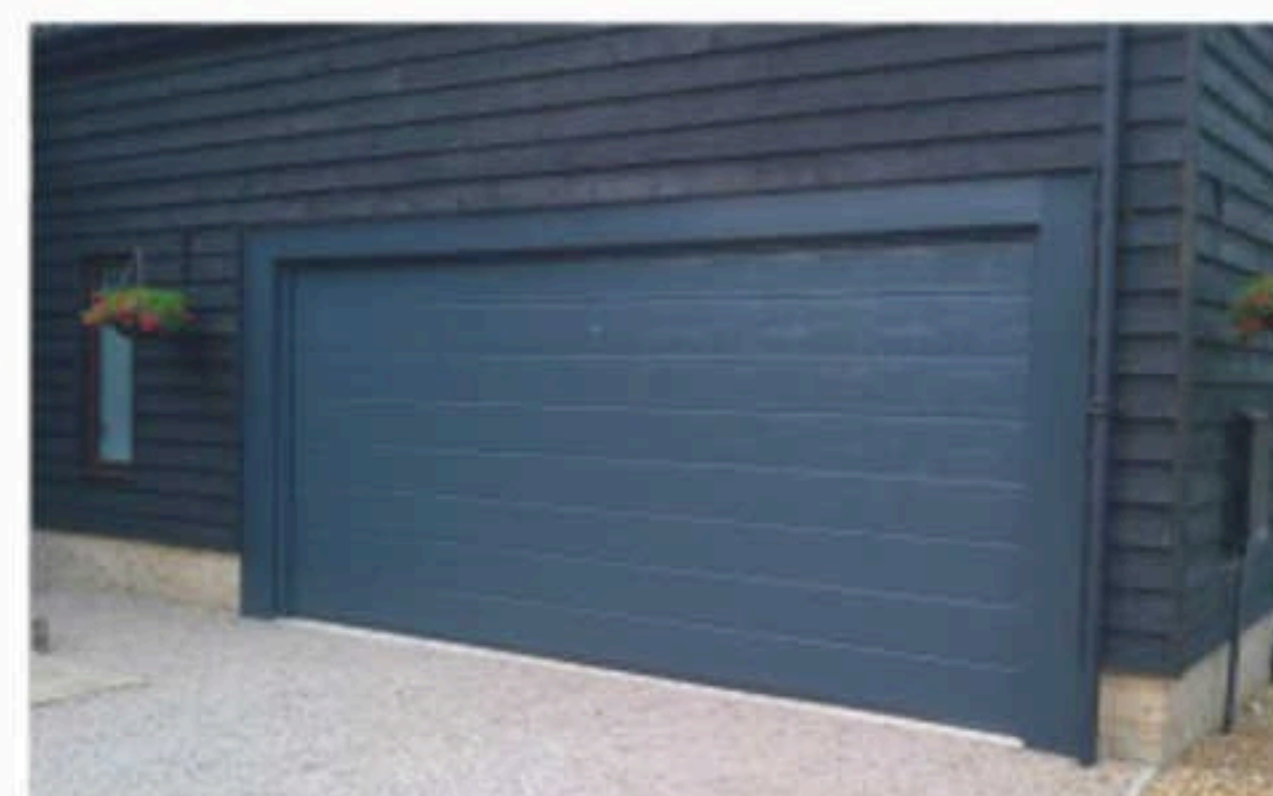
Smooth



Wood grain



Orange peel





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PATTEN 3
Stripe Line pattern garage door

Bright and smooth striped shape, show in the shape, wisdom in the center.

White color stripe pattern garage door installed



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Finished



Smooth

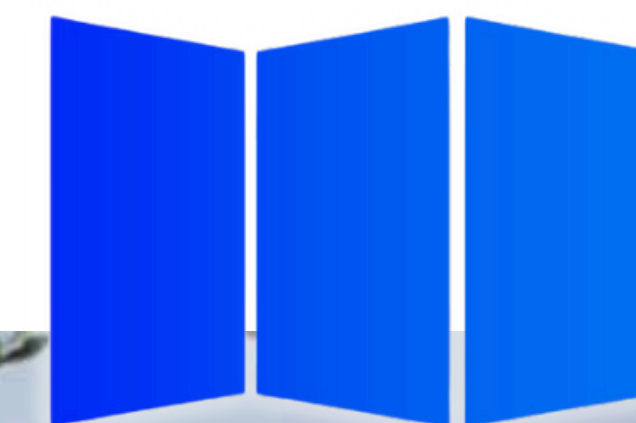


Wood grain



Orange peel





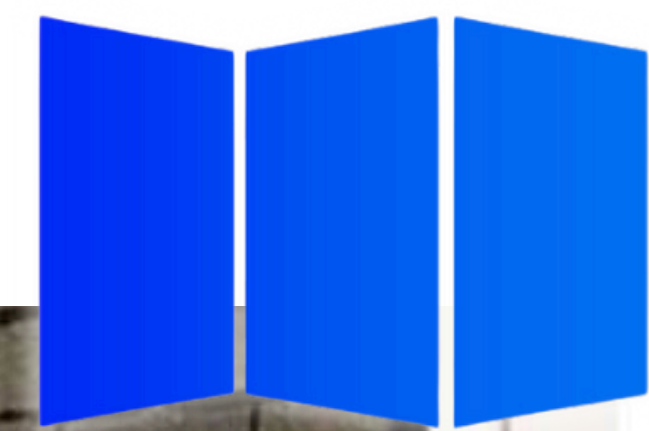
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PATTEN 4
Cassette pattern garage door

Classic style, selling well
Cassette size : 500mm*330mm

White color (RAL9016) classic pattern garage door installed at Copenhagen, Denmark

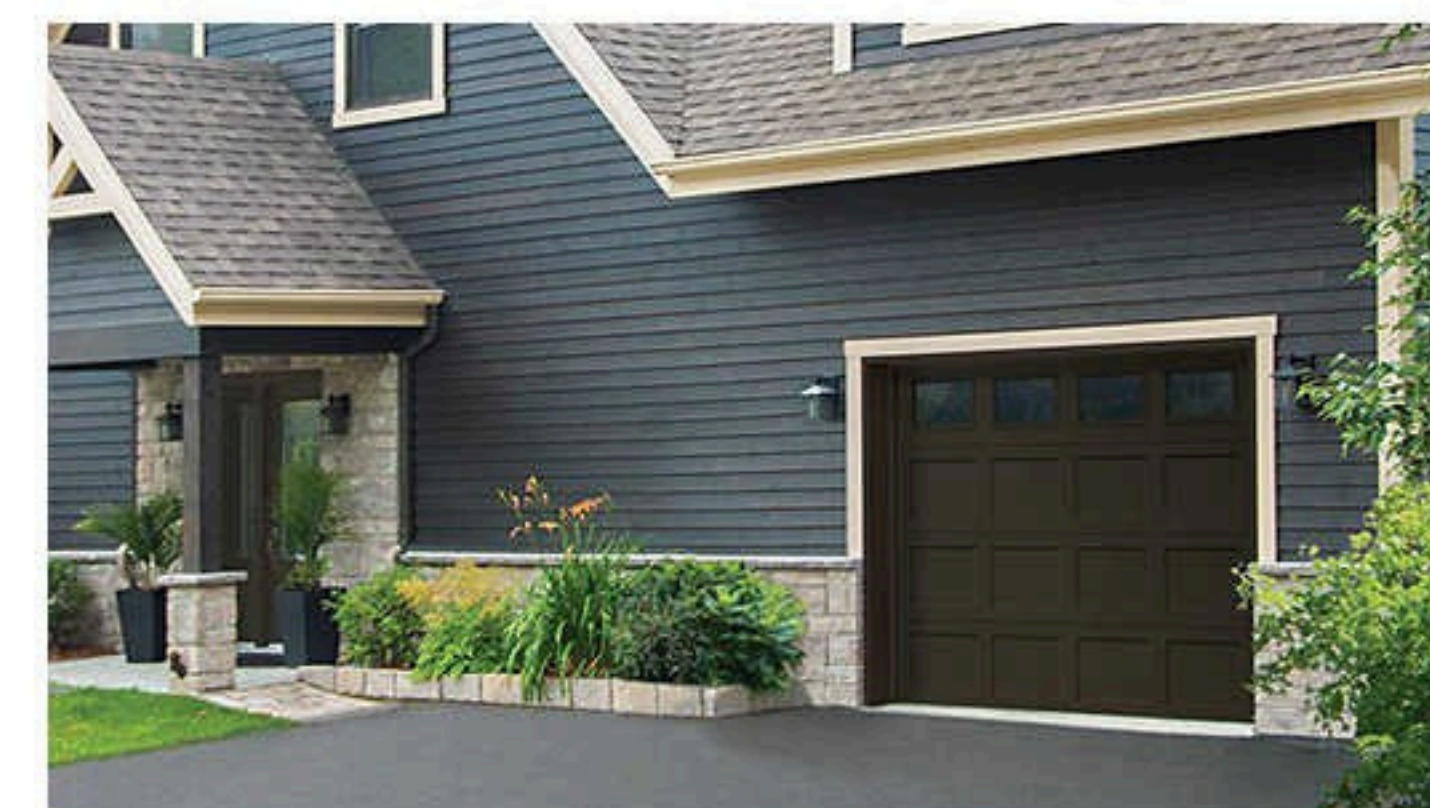


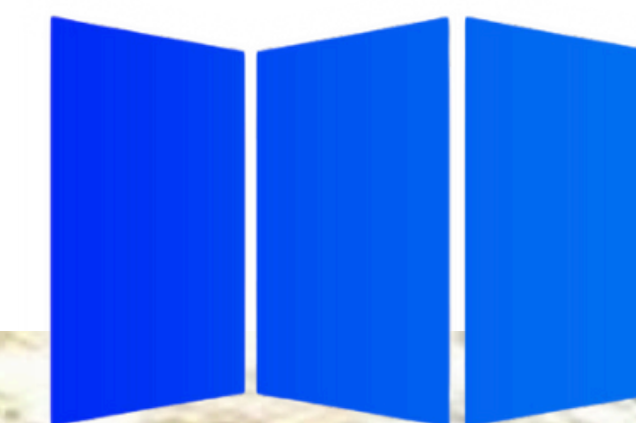
AVORA DOORS



Finished

-  Smooth
-  Wood grain
-  Orange peel





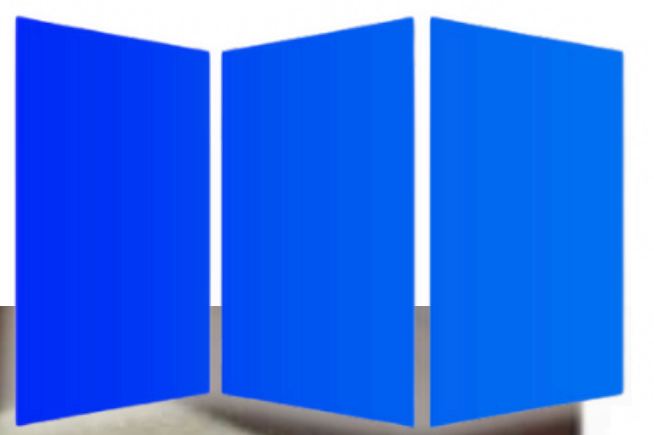
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PATTEN 5
Ranch pattern garage door

Classic style, selling well
Ranch size : 1065mm*330mm

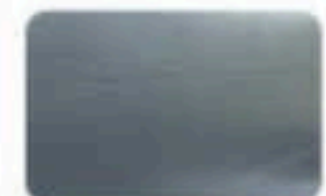
White color (RAL9016) classic pattern garage door installed at Copenhagen, Denmark



AVORA DOORS



Finished



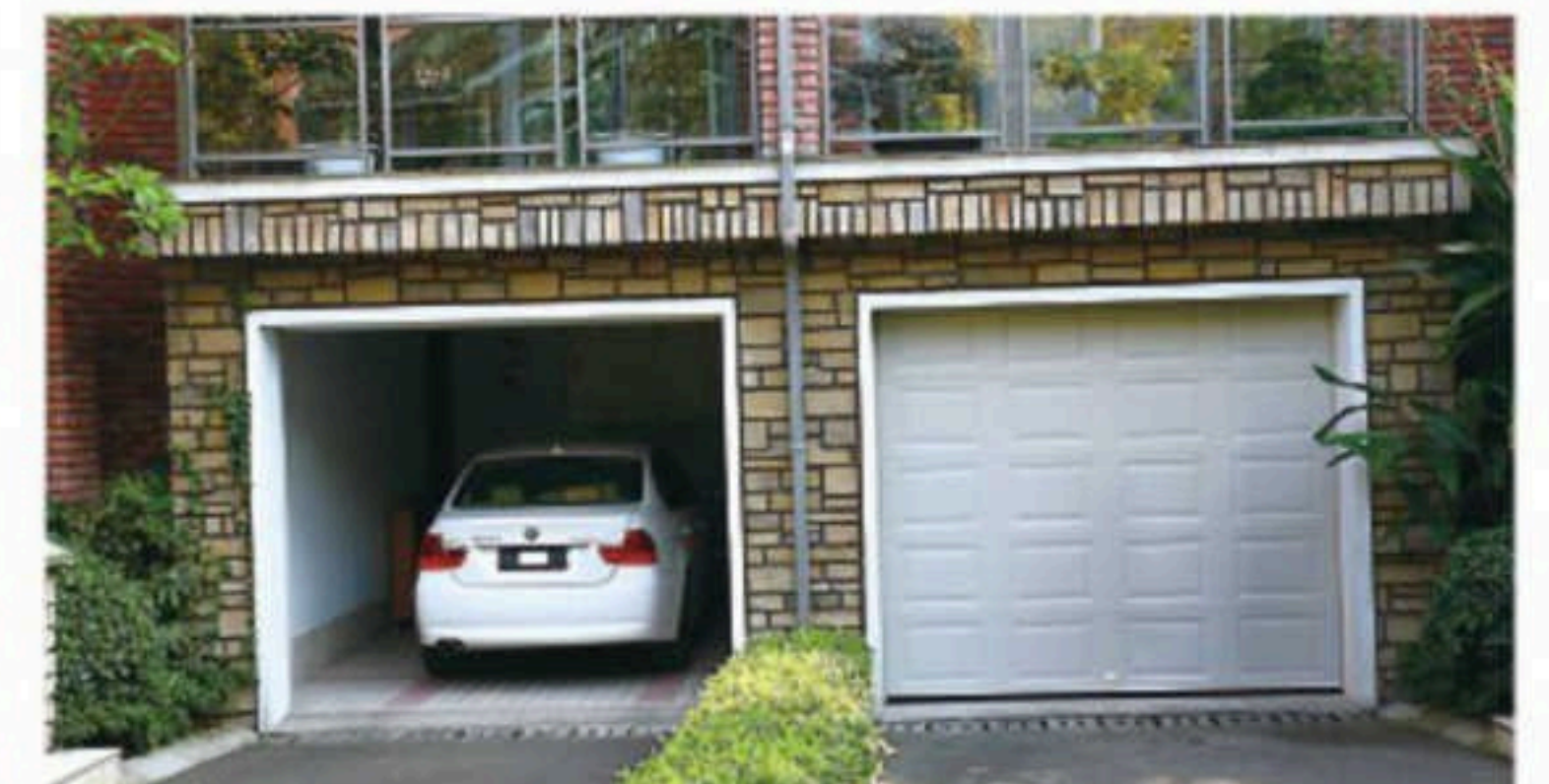
Smooth

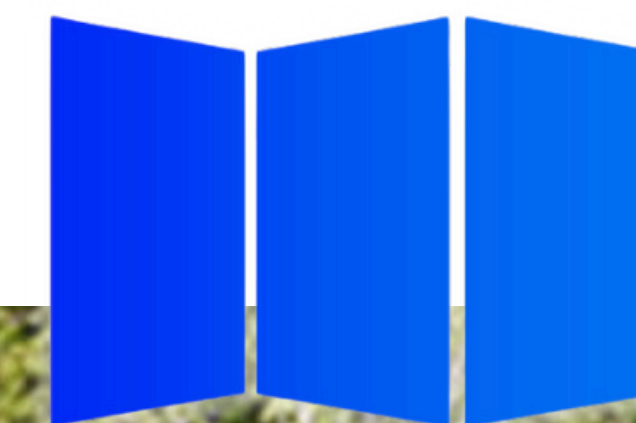


Wood grain



Orange peel





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PATTEN 6
Aluminum glass sectional garage door

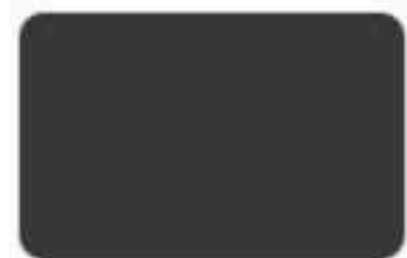
The all-aluminum sectioned lifting door integrated with the curtain wall of modern buildings, installed in Perth, Australia
Elegant surface modeling, calm and indifferent.



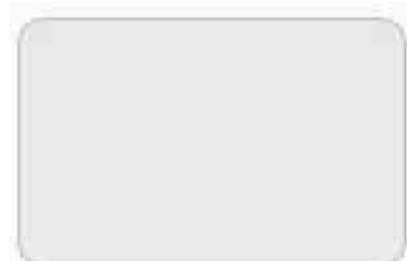
AVORA DOORS



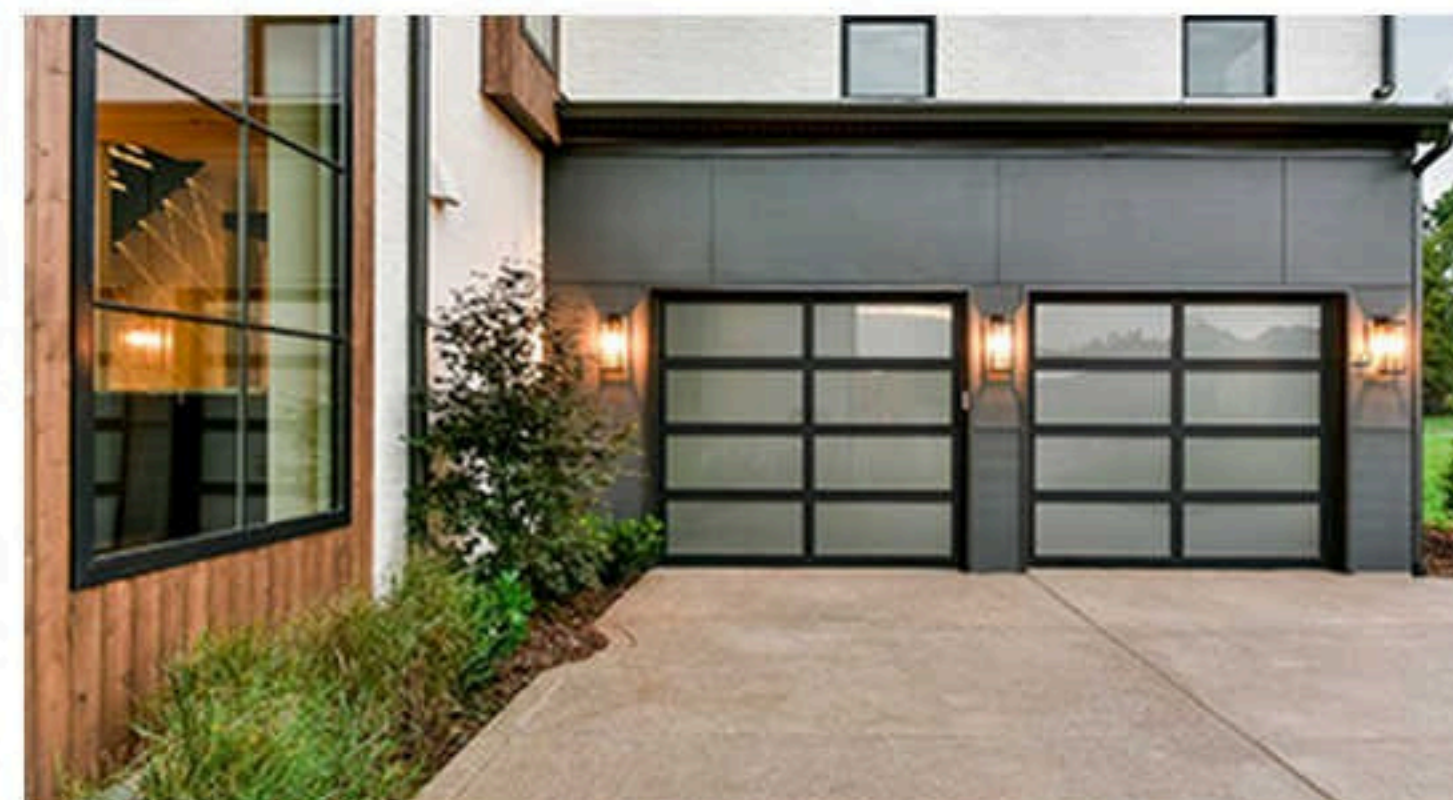
Aluminum color

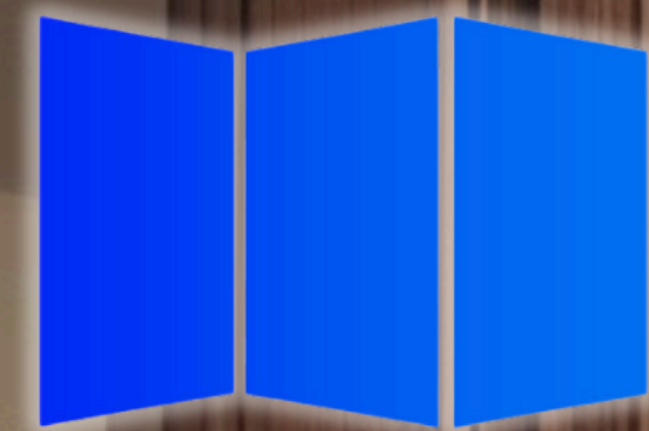


Black



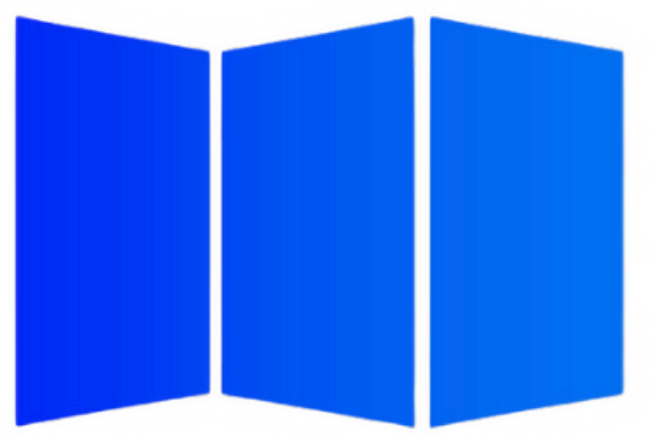
White





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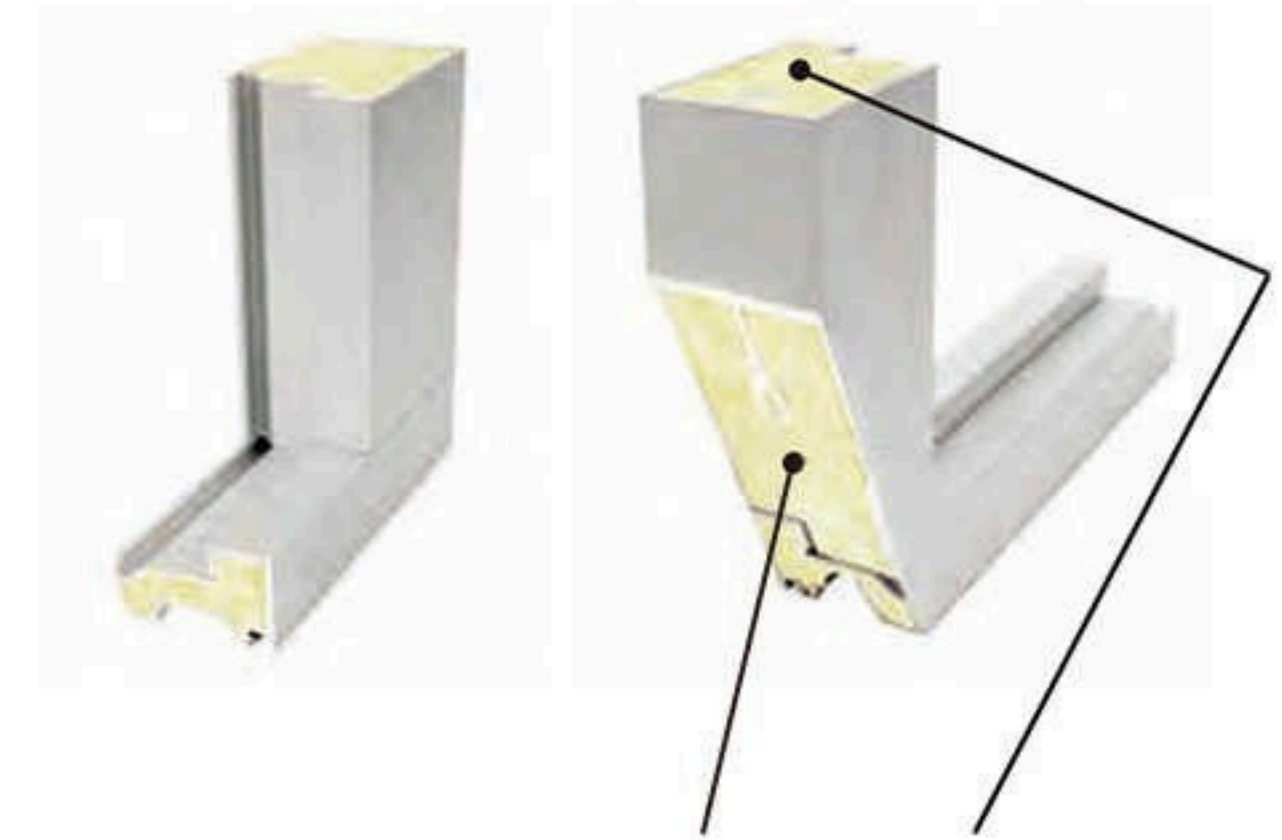




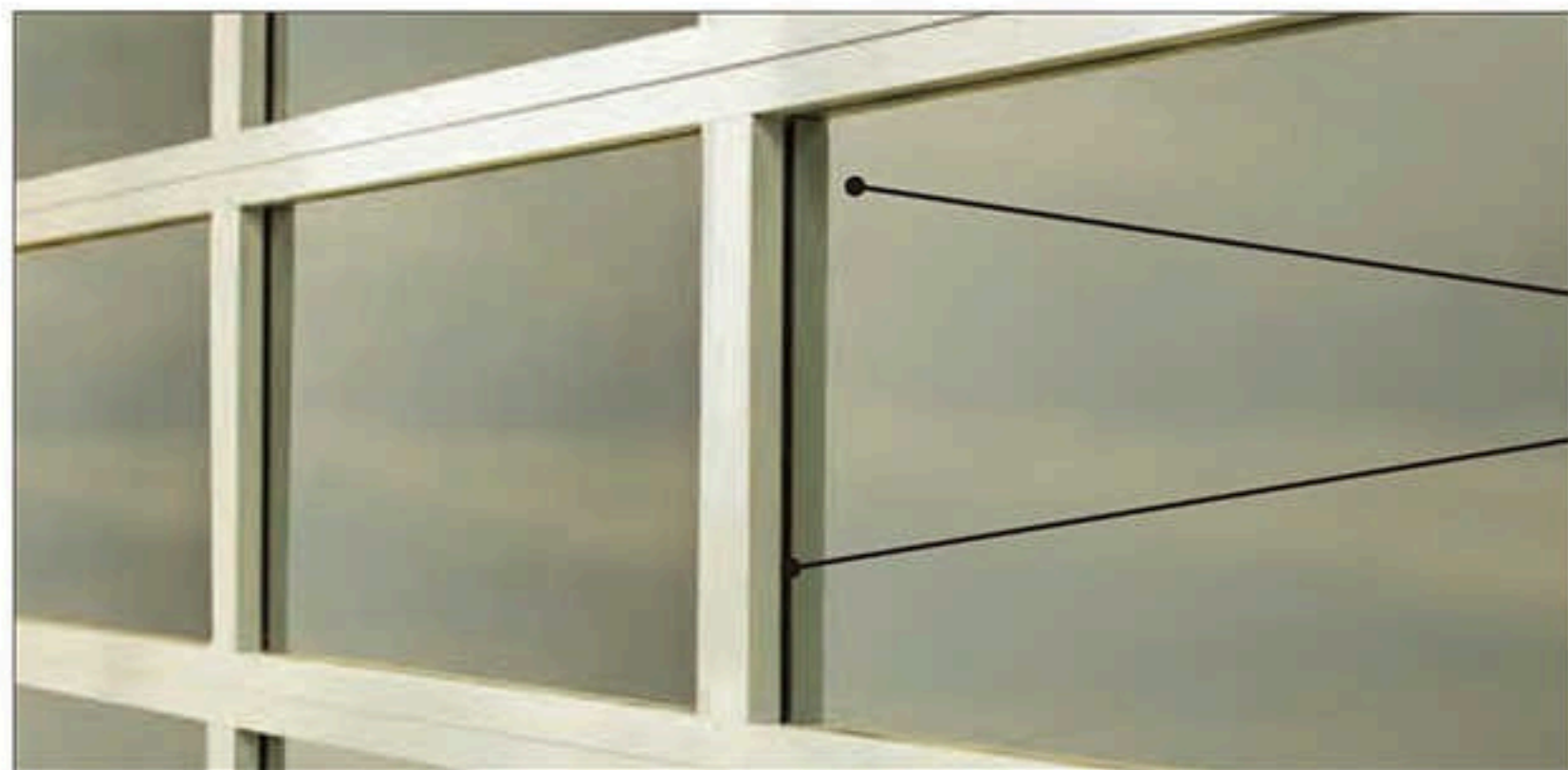
AVORA DOORS

PERFORMANCE FEATURES

- Tongue-and-groove joints provide a great weather barrier
- Flexible vinyl bottom seal helps prevent dirt and elements from entering your garage
- Choose a 25,000 cycle spring for almost twice the life of a standard torsion spring
- Reinforcing fins on all top sections and as needed on intermediate sections, provide years of smooth, trouble-free operation. (The fins are the extruded part of the door section that are not visible through the glass)



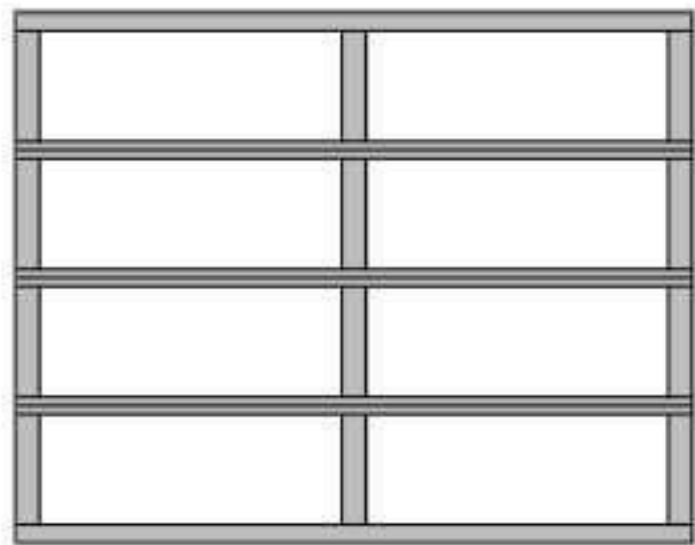
Optional polyurethane insulation adds R-value* of up to 4.36.



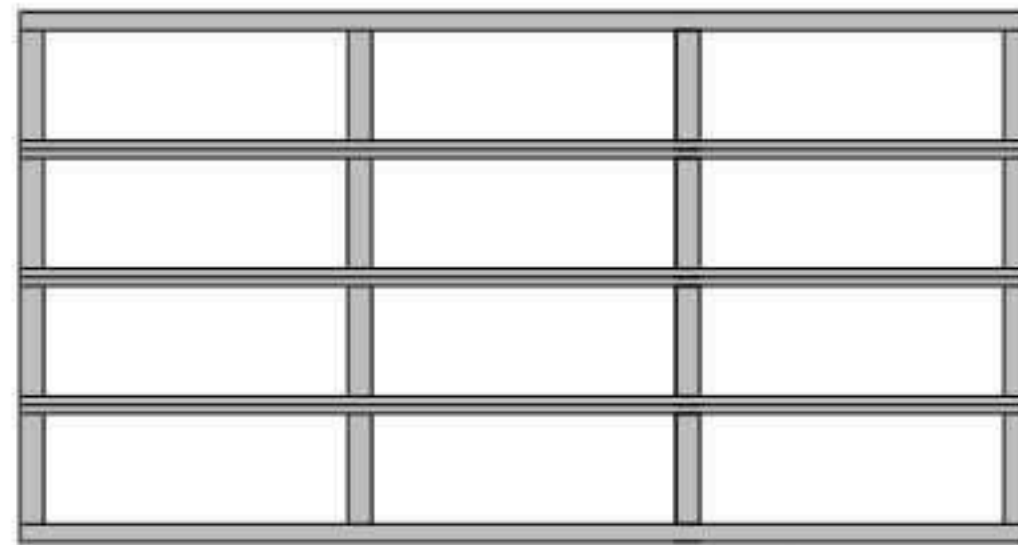
Aluminum rails and stiles are designed with non-beveled edges and straight lines to create a true contemporary style.

Select the Platform

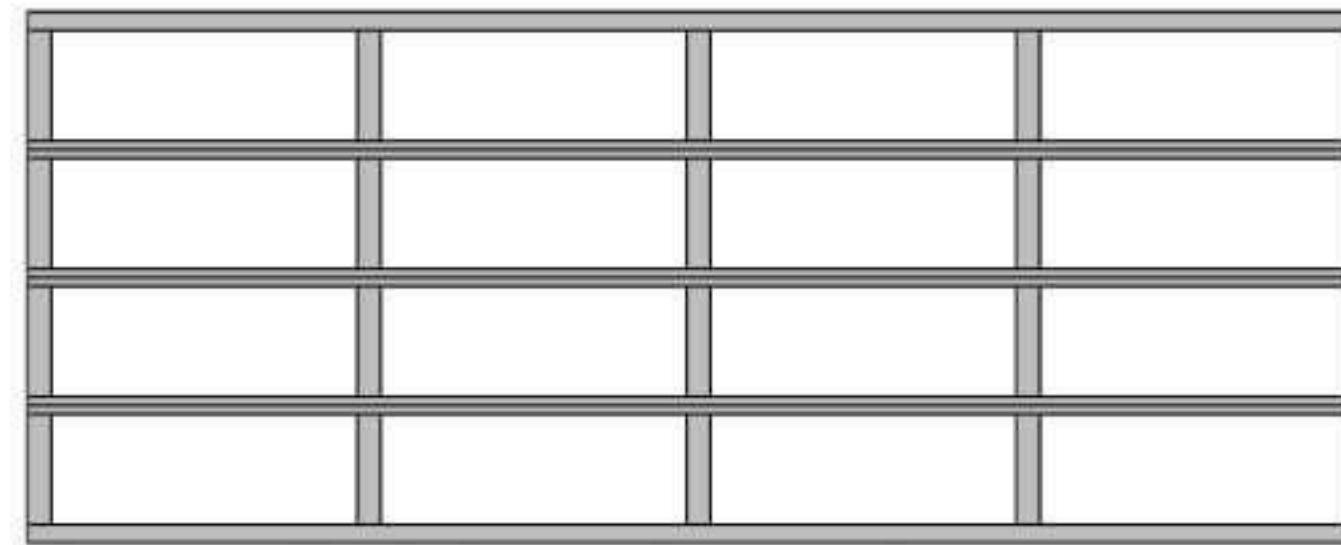
Standard Frames



8' Wide (2 panel)*

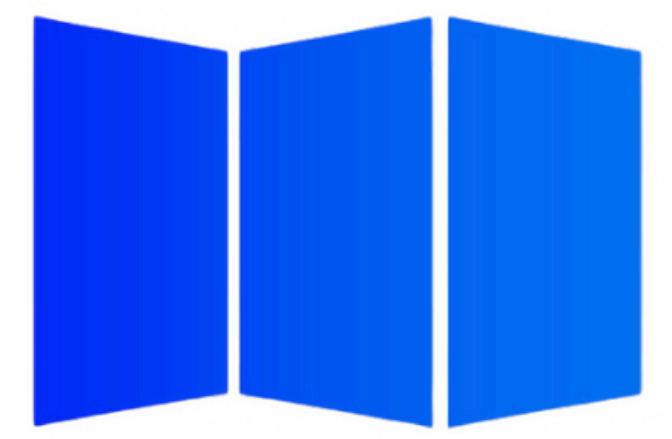


9'-12' Wide (3 panel)

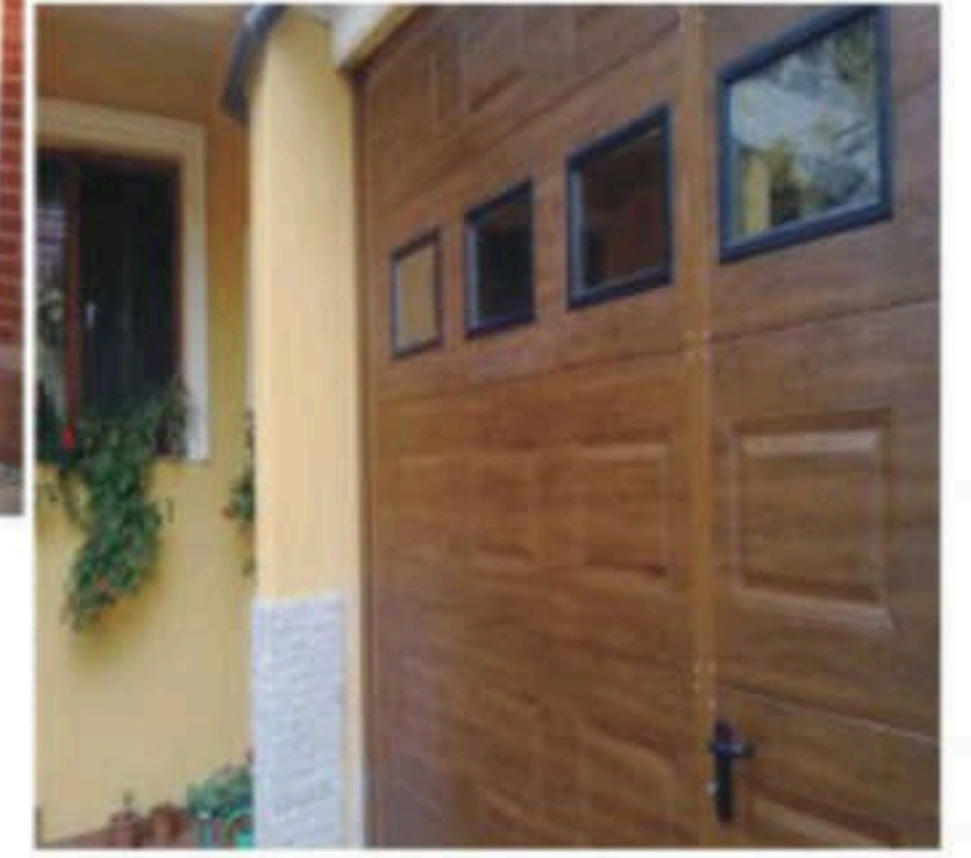
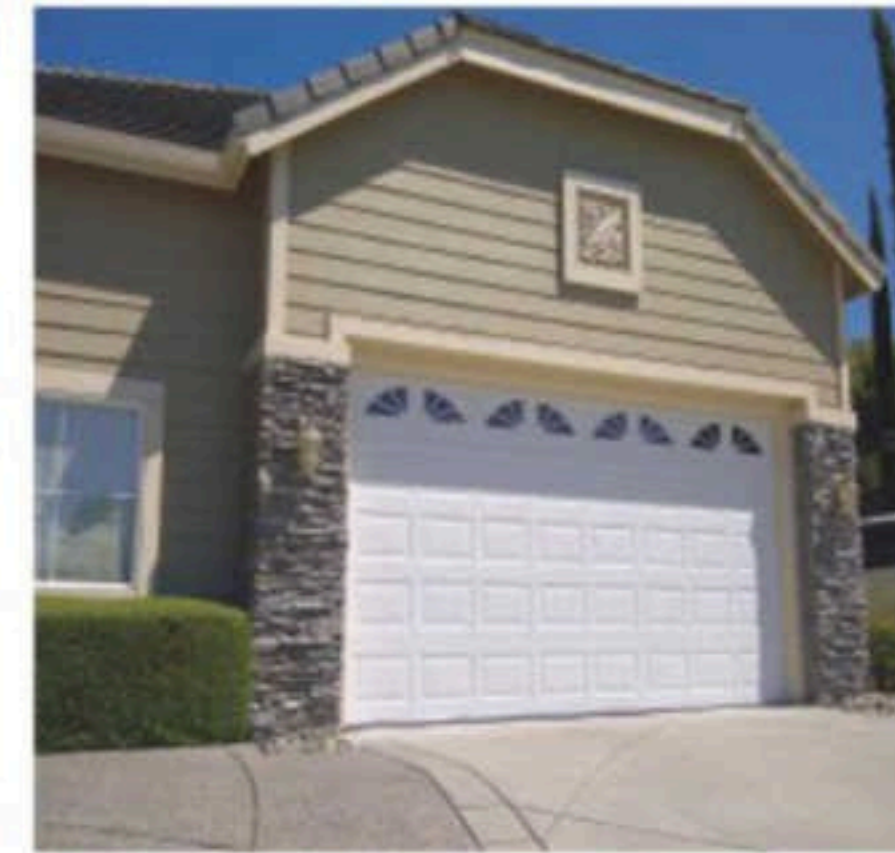
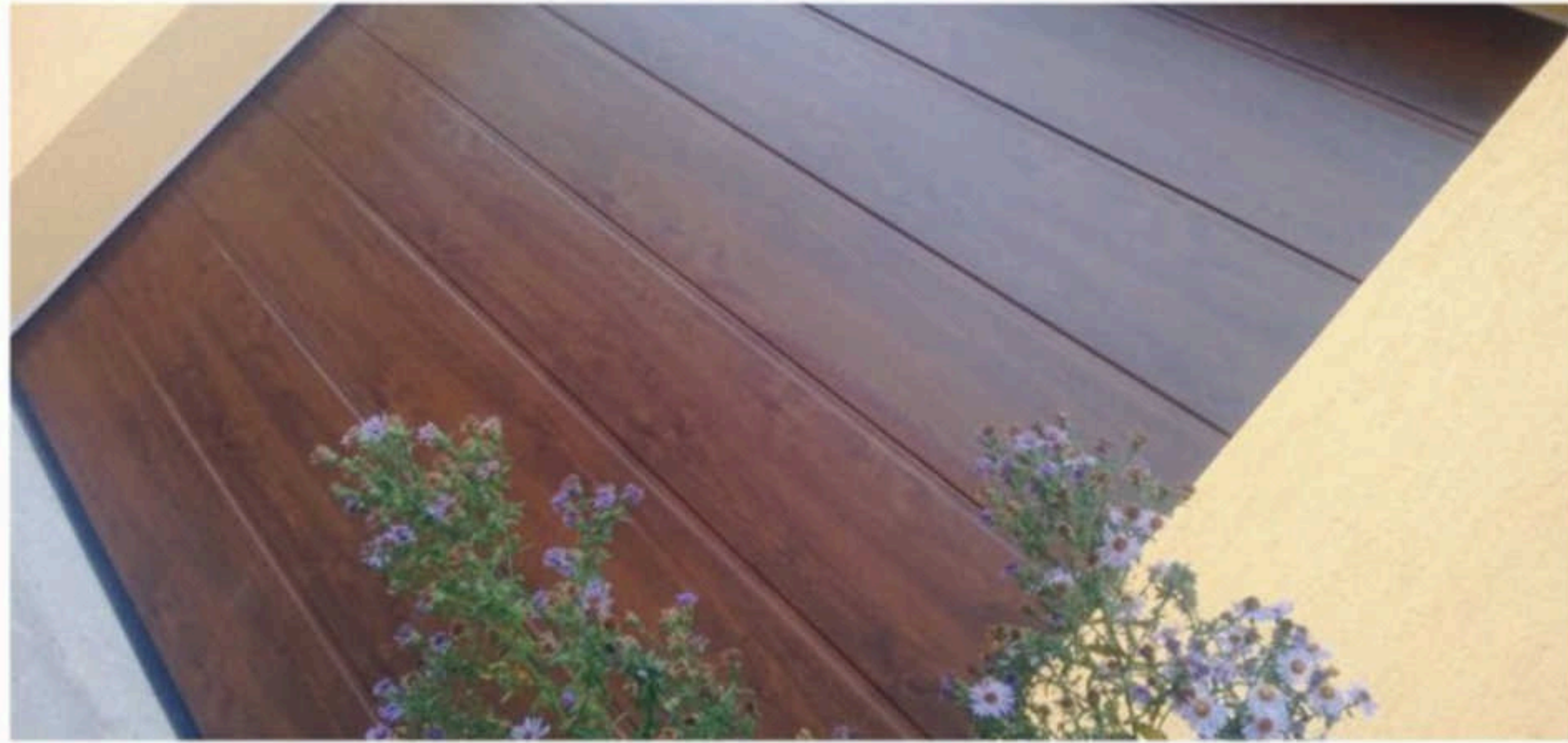


Over 12' Wide (4 panel)





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Color options

Colorful colors add color to the building

Traffic white color (Ral9016), pure white (Ral9010), brown (Ral8017), white aluminium (Ral9006), golden oak, black walnut and the stainless steel are the standard colors. We also offer the special RAL code colors based on the MOQ.



200RAL code colors

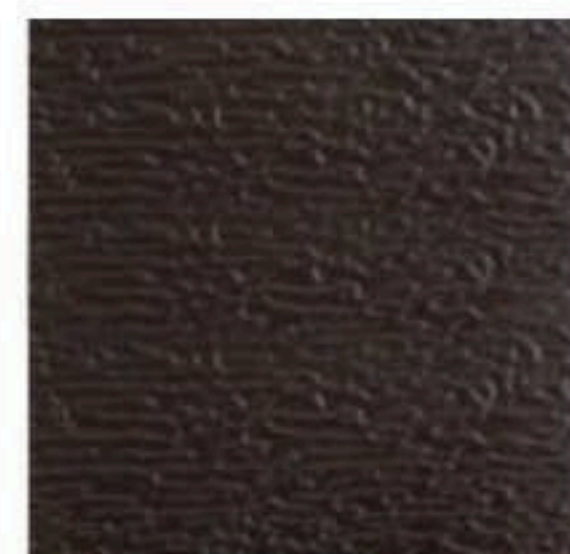
Standard colors



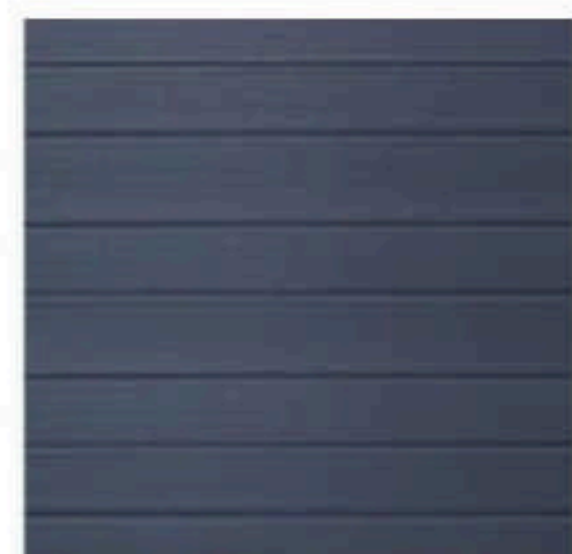
Traffic White RAL9016



White Aluminium RAL9006



Brown RAL8017

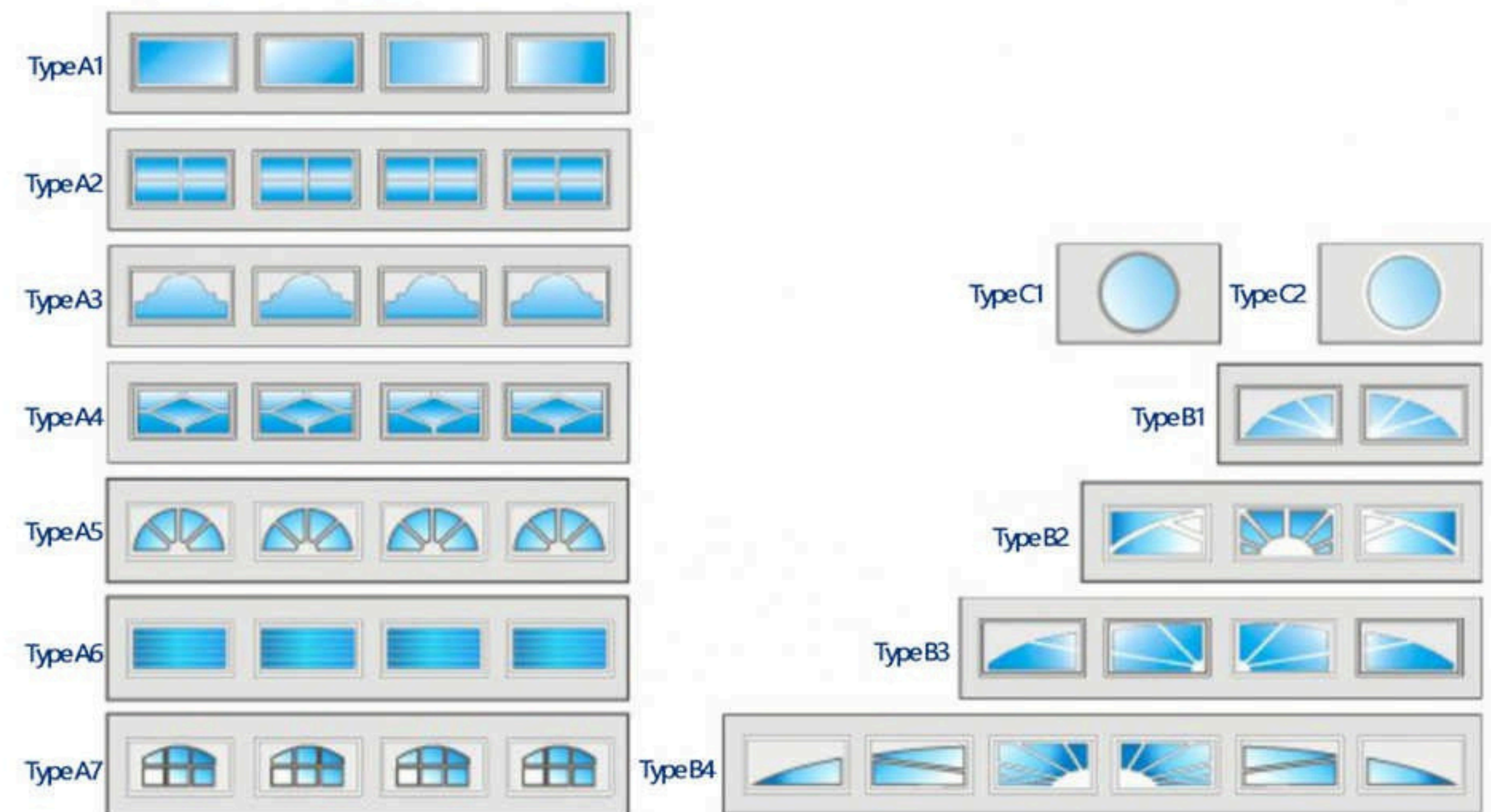


Coal Ash RAL7016

WINDOWS

BEAUTIFUL AND PRACTICAL DAYLIGHTING WINDOWS

Decorating your garage doors with lighting windows can bring fashion designs and perfect lighting into your garages. Various windows designs for your choice. Hoping each design can bring you perfect feelings each day.





AVORA DOORS

Hardware



Quiet door travel

Hinged roller holders made of aluminum with plastic rollers on ball bearings ensure precise, quiet door travel.



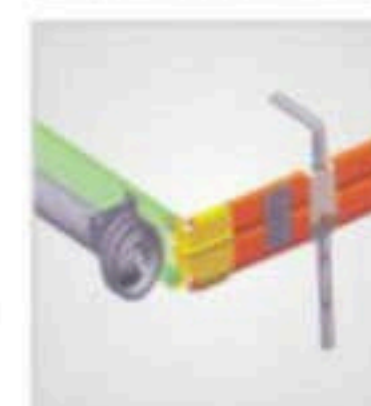
Durable installation

There are internal steel reinforcement steel plate (1.0mm thick, and 16mm width) pre-laid along the panel at the joints, so the screws could be held strongly by it to resistant to be tore out.



Delicate torsion spring balance system

The specification of the spring is calculated according to the weight of the door, which will offer an excellent balance the door even could be operated manually.



Rear spring system

Widely use. The rear spring system could be installed in most of the garage, as it only need a lower lintel (Height of the lintel is higher than the height of the door plus 150mm). The new L hanger bracket could be installed at anywhere to fix the H track, no limitation. Strong and convenience.



Fast installation

The spring system and the track system could be pre-installed/riveted in factory. 30%-50% installation time will be saved.



Full opening position

With the special track, the door could be lift to full opening position even the SUV could be parked in/out freely.



New bottom bracket

New bottom bracket which could keep the bottom roller in its position, never drop off.

More convenience which it could bring us is the tightness of the cables could be adjusted easily by the bracket.

Besides the above mentioned, once the cable was loose the customer could adjust it by the bracket easily, it will save the cost of the after-sales service a lot.

Manufactured according to intentional standard

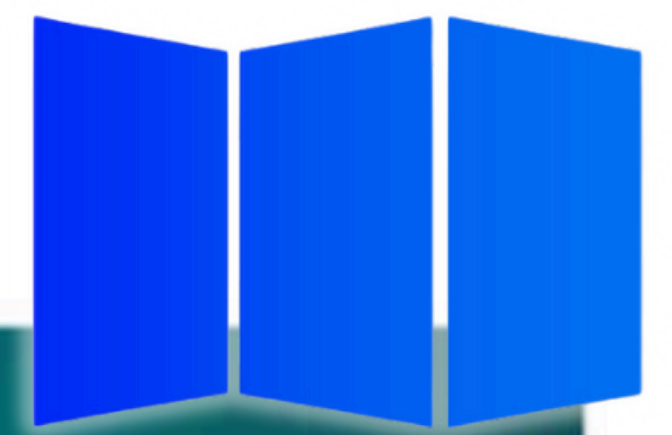
Advanced and Exquisit crafts

The durability, stability and safety of the garage door are the most important things which we concern about, in order to meet that, our company manufacture high quality hardware to meet the latest EN13241-1 standards of Europe and get all the products CE certificate.

Tracks, hinges and rackets are made of hot-dippde galvanizde steel, which can be used for a longtime without rusting.

All accessories are designed and manufactured according to the international standards to ensure the safety and stability.

The whole work in company carried out according to the high level manufacturing processes and lean managment to guarantee the product meet requirements of design, the accuracy of the size and the great appearance.



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Safety features accordance with European standard EN13241-1



Bottom cover of the track

The bottom cover of the track will protect the cut edge of the track which will not rust.



Finger safe

The unique door panel construction allows for a seamless connection between the panels, so you won't catch your fingers whether you're on the inside or outside of the door.



Spring break safety device

Spring safety device is installed with spring, in the event of a spring breaking. It will arrest the door immediately, thereby preventing the door leaf from crashing to the floor.



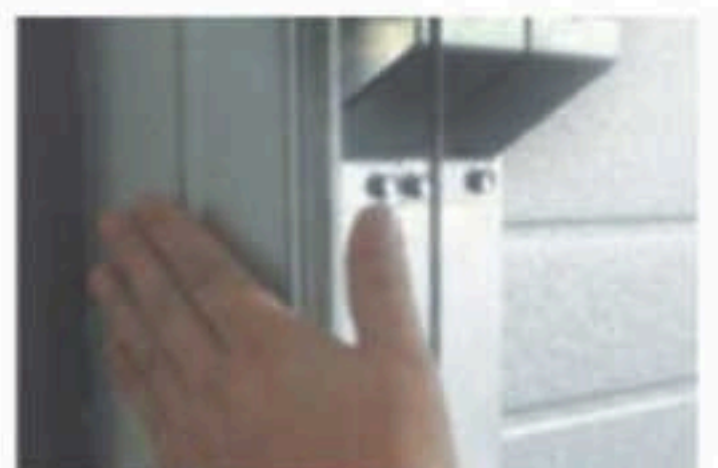
Multi - function lock

With multiple functions of door handle, emergency lock and manual lock, the structure is novel and unique, and the operation is simple and convenient. Pry door lock core, key copper-based computer engraving, mutual opening rate < 2%



Secure guidance of the door in safety track

Adjustable, sturdy roller holders and safety tracks ensure that there is no danger of the door derailing. The door sections are safety parked under the ceiling.



CE Track

The vertical tracks are completely closed from the bottom to top. There are no gaps between the door leaf and the wall in which fingers could get trapped.



AVORA DOORS - OPEN A GOOD LIFE

No matter it is a new garage door or a reconstruction one, Avora Doors remote control garage door will always be your best choice!



Garage door opener

Avora Doors garage door opener are using the latest technology in it's control system and driving system, safe, quiet and durable.

Security programs

1. Rolling code: opener adopts rolling code which could issues more than 1,000,000,000 safe codes will be which chose at random, no copy code.
2. Self-lock: door will automatically lock itself after closing, and equips with mechanical locking system which will be still functional when door is off.
3. Reverse back function: if door meets objects of persons, door closing movenment will stop and reverse bacek to the full opening position: (the sensing grades can be adjusted according to different situation).
4. Photo beam sensor: photo beam sensor could be installed to the door at 10-20cm above ground to offer more safety to families and pets.
5. Our opener has motor with the overheat protection and over running time protection, the motor could keep working mor stable and reliable for a long time.

Easy To-Go functions

1. Low power and energy-saving LED lights will automatically open when door are opening or closing, and the lights will automatically turn off 3 minutes later.
2. Intelligent programming system, by two times pressing of the button the limited journey could be set automatically.
3. Free off carry: our unique design vehicle-bome transmitters, which could be installed on the vehicle shield panel to open or close the garage dor inside the vehicle.
4. With different handling systems everbright door could be opened or closed even power is off.
5. Various optional accessories to fullfill your personalized requests.

Optional accessories



Wireless keypad Finger print reader Wireless wall switch Exterior receiver

Mobile blue teech receiver

Vehicle-borne transmitters



Passed German GS, CE safety certification
EU ROHS environmental certification

Loading force automatic tracking detection graph



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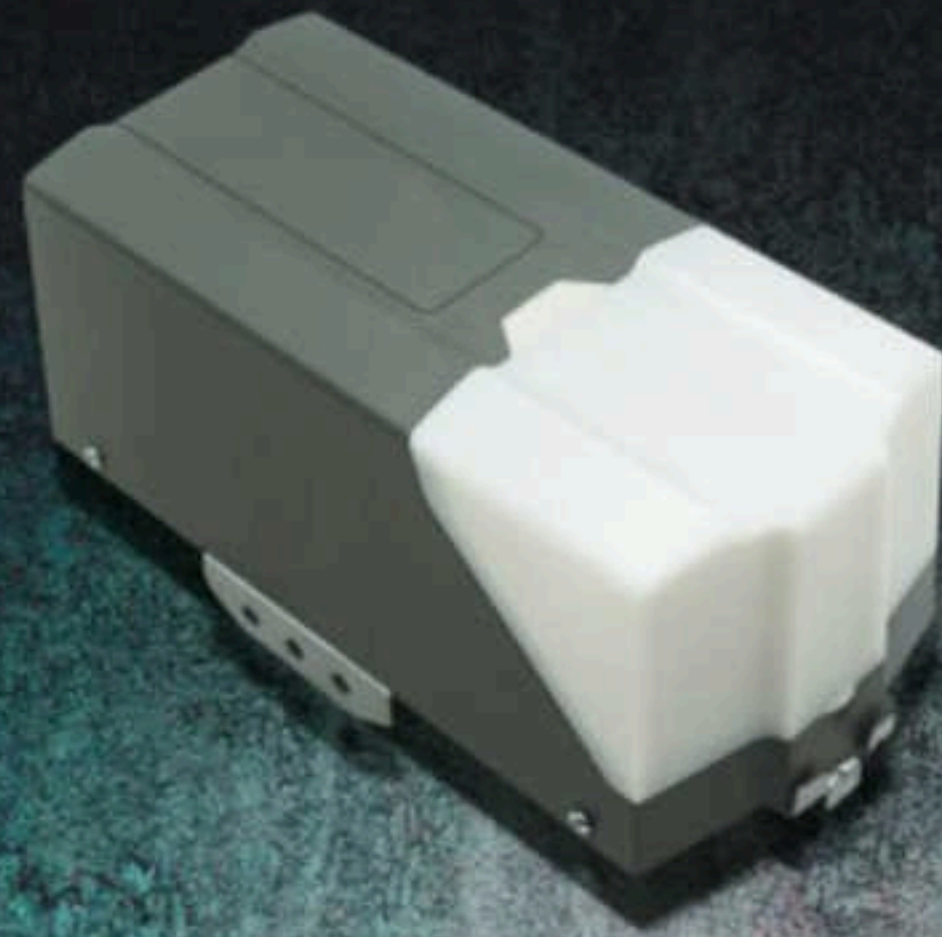
Rui series

1. Intelligent technology, remeber the trip automatically, soft start & stop, running smoothly, long-term use.
2. Advanced features, it can automatically detest the resistance change during operation, and adjust accordingly, free of manual adjustment, more reliable and security.
3. Multiple power options to meet the needs of different occasions.
4. One section and sectional tracks for choice, reduce logistics and warehousing, cost savings.

Technical data

Model	ProLine 600N A	ProLine 800N A	ProLine 1000N A	ProLine 1200N A
Voltage range/rated frequency	220-240V Alternating Current, 50/60Hz			
Rated power	200W	235W	245W	260W
Maximum lifting force	600N	800N	1000N	1200N
Door opening speed	180mm/s			
Lamp type	LED			
Lighting time	3 minutes			
Coding type	Rolling code			
Radio frequency	433.92 MHz and other demands			
Ambient temperature	-20°C~40°C			
Relative humidity	<90%			
Applicable door area	10 m ²	12 m ²	14 m ²	16 m ²

Passed German GS, CE safety certification
EU ROHS environmental certification



Rui Bo series

1. Soft start and stop, run smoothly and use long.
2. Easy to use, suitable for single garage door.
3. The guide rail has the overall and section two options, convenient transportation, and can reduce the storage cost.



Technical data

Model	Eco Line A
Voltage range/rated frequency	220-240V Alternating Current, 50/60Hz
Rated power	180W
Maximum lifting force	600N
Door opening speed	150mm/s
Lamp type	LED
Lighting time	3 minutes
Coding type	Rolling code
Radio frequency	433.92 MHz and other demands
Applicable door area	9m ² Chain drive/belt drive



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Made in Germany

1. Bi-directional radio system with 128 bit AES rolling code encryption.
2. Motor with high automatic locking and active counter-pressure in the event of an attempted break-in any point.
3. Intelligent control technology: the SOMlink module offers a wide variety of setting options for the new SOMMER products on your smart-phone or table by means of the web app.
4. Intelligent control technology: the SOMlink module offers a wide variety of setting options for the new SOMMER products on your smartphone or table by means of the web app.

Pearl Vibe

- Disturbance-resistant radio signal.
- Collision-resistant.
- Vibration for confirmation of reception
- Bi-directional radio control system.
- 128 bit AES rolling code encryption.

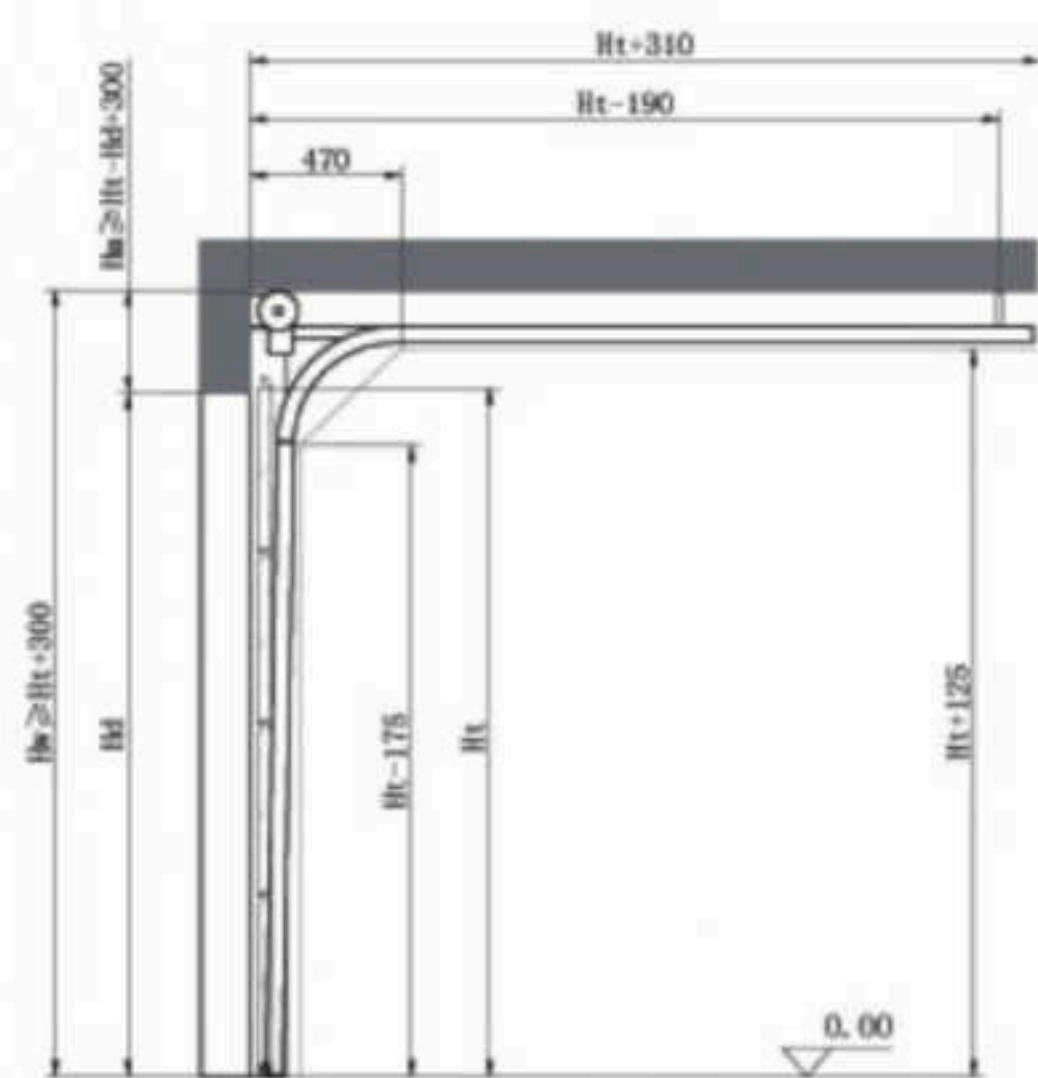
Technical data

Model	S9060 base+	S9080 base+	S9100 base+
Supply voltage	220-240V AC	220-240V AC	220-240V AC
Rated power	50-60Hz	50-60Hz	50-60Hz
Maximum lifting force	600N	800N	1100N
Maximum running speed	240mm/s	210mm/s	180mm/s
Power consumption(standby)	<1W	<1W	<1W
Maximum door width/ height	2500mm/4500mm	2500mm/6000mm	2500mm/8000mm
IP-protection system	IP-21	IP-21	IP-21
Operating temperature	-25°C+65°C	-25°C+65°C	-25°C+65°C

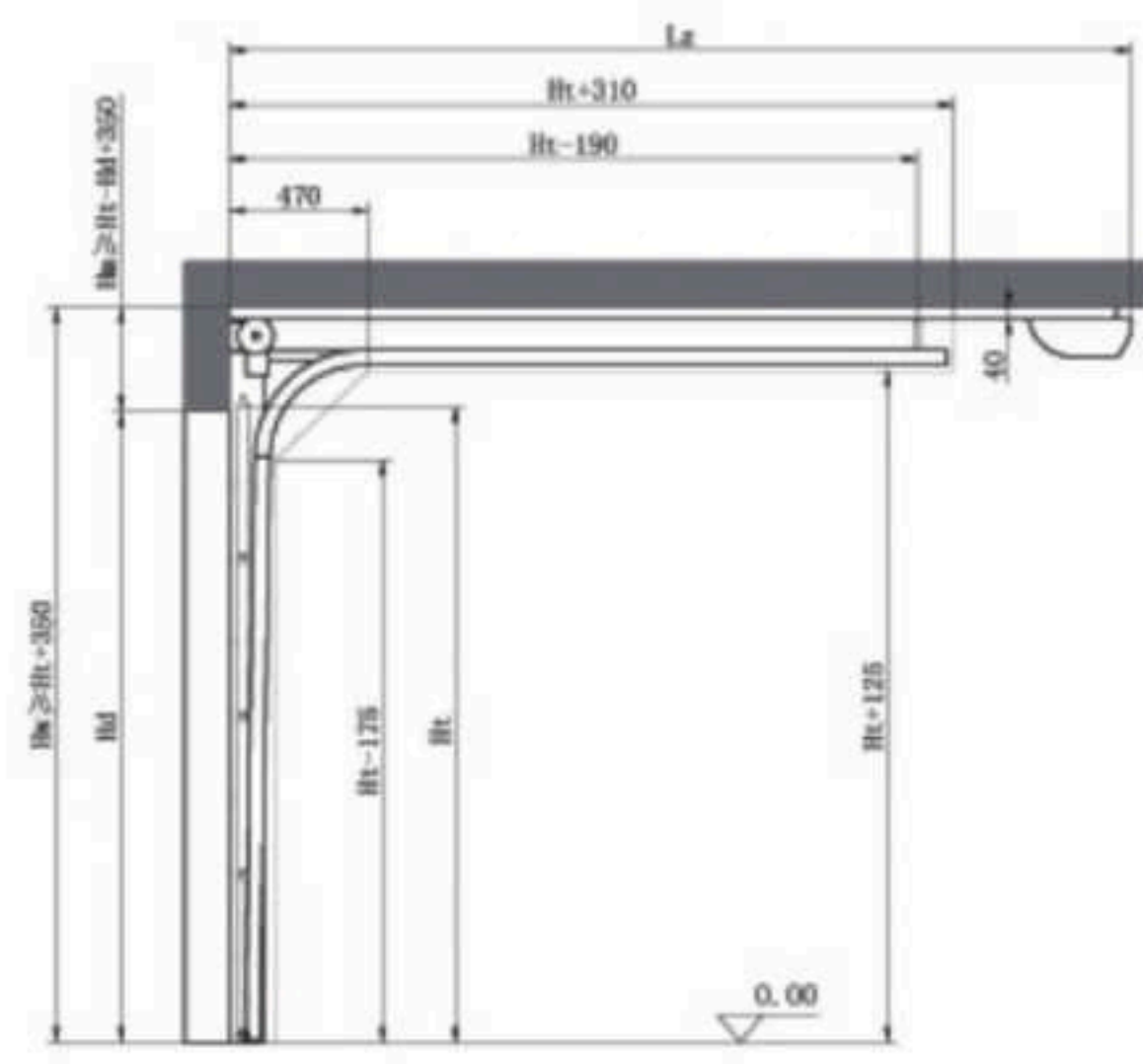


AVORA DOORS

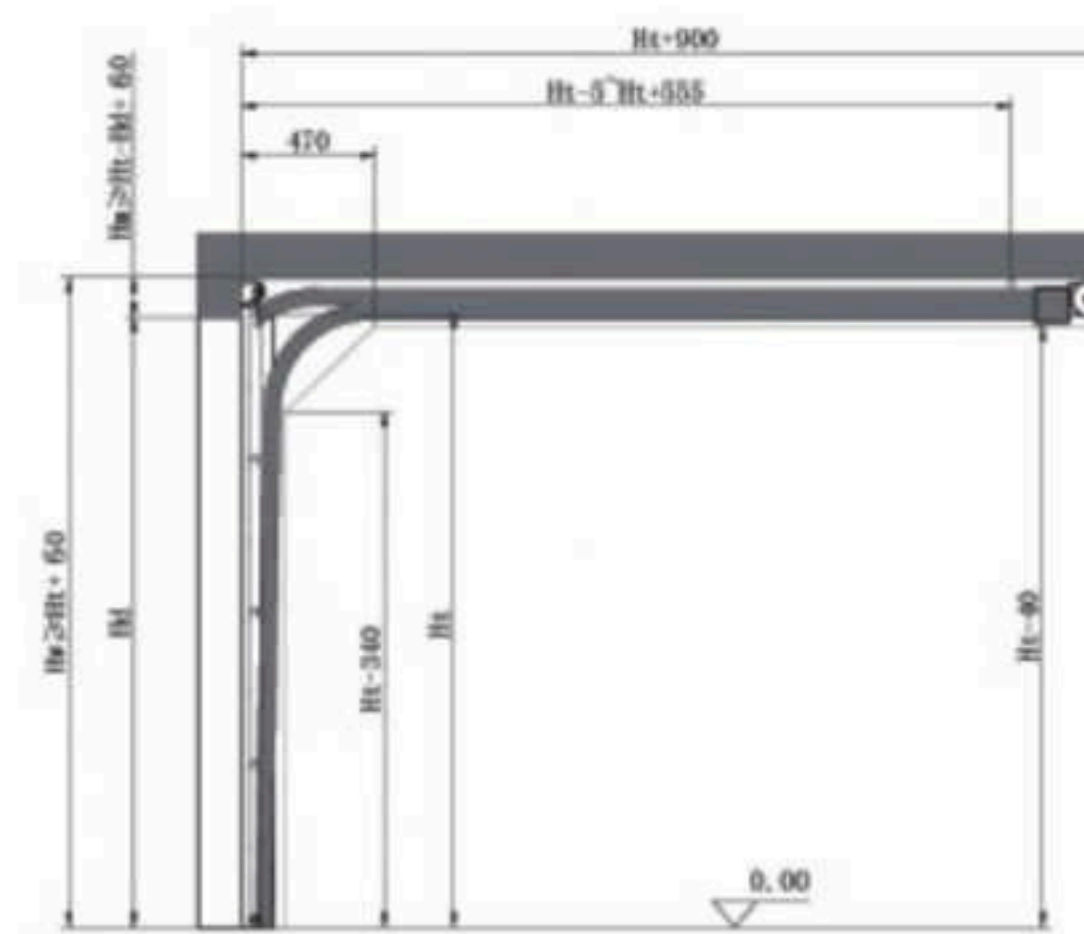
Various installations



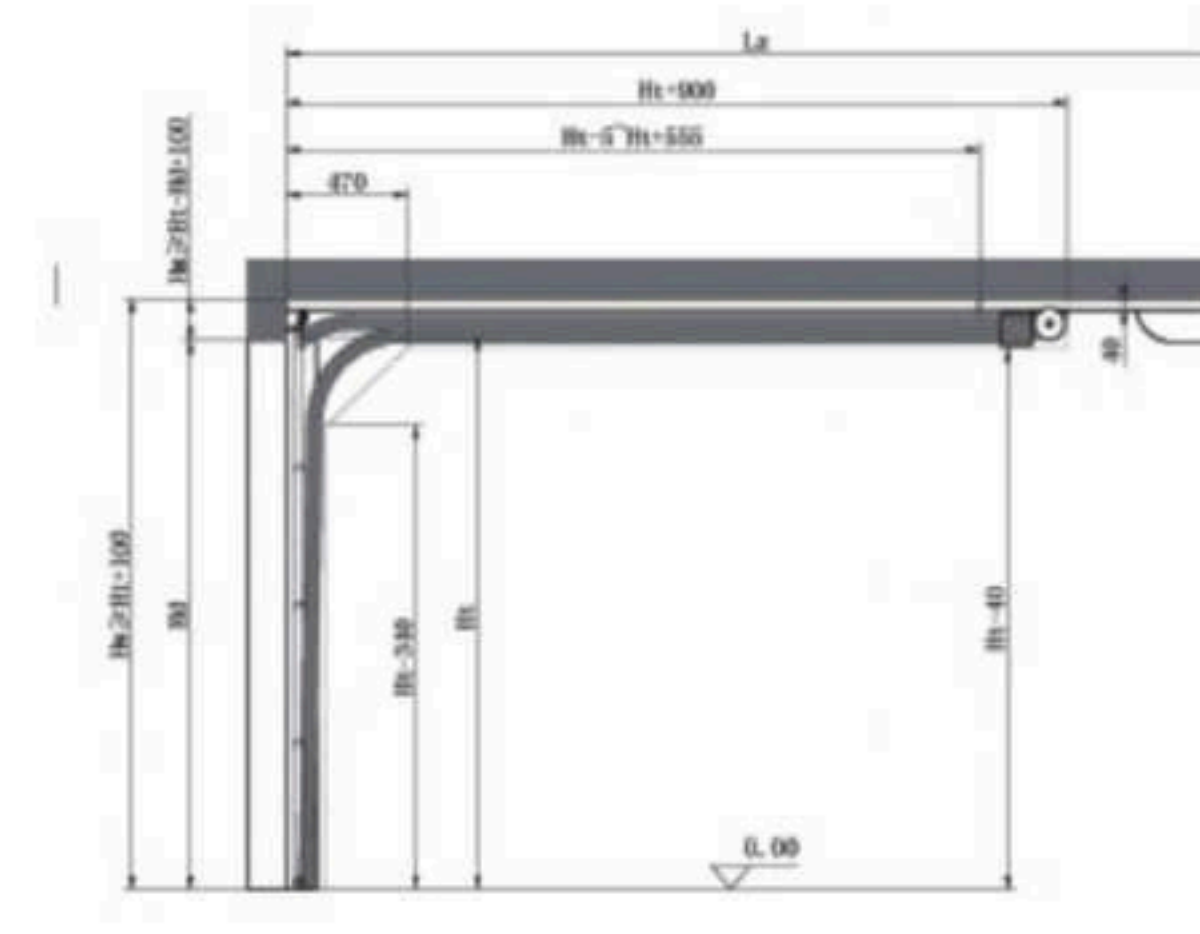
Manual door-single track



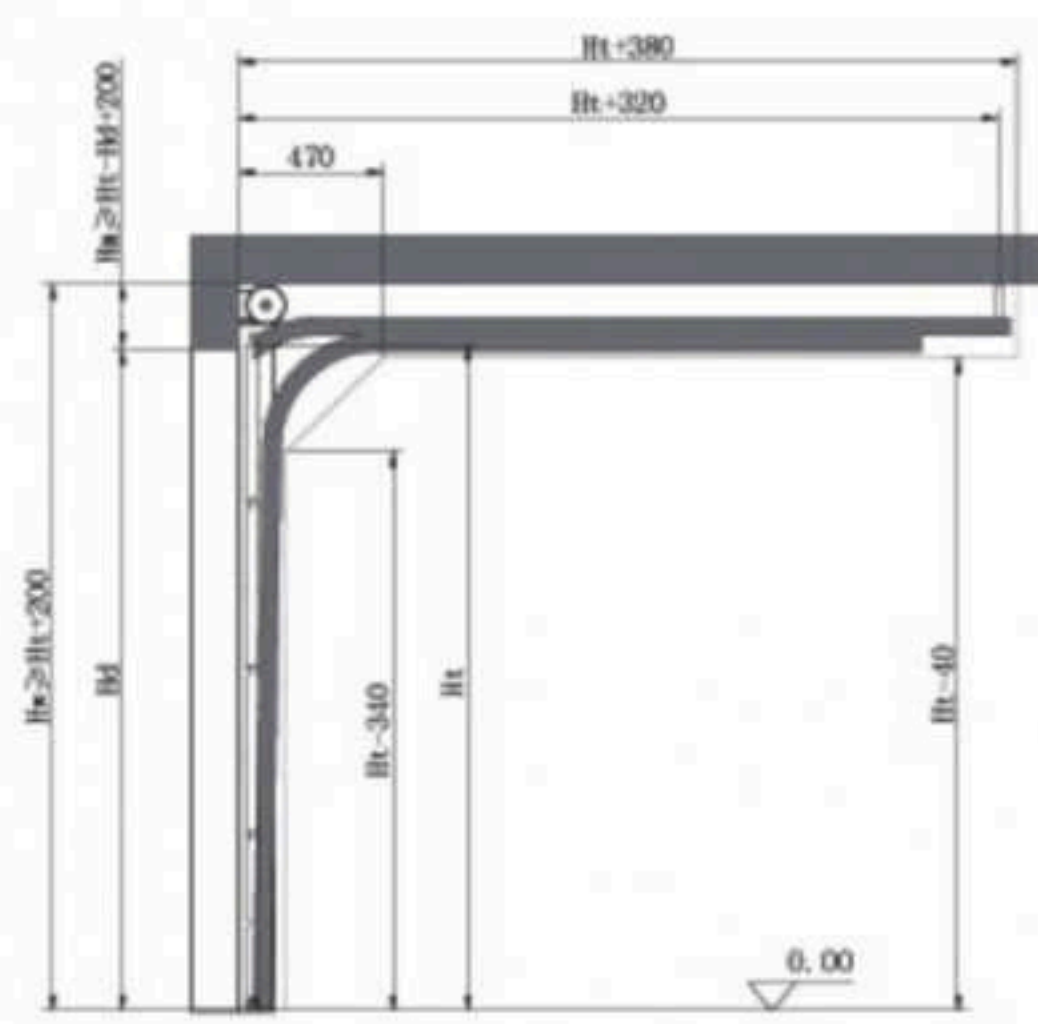
Automatic door-single track



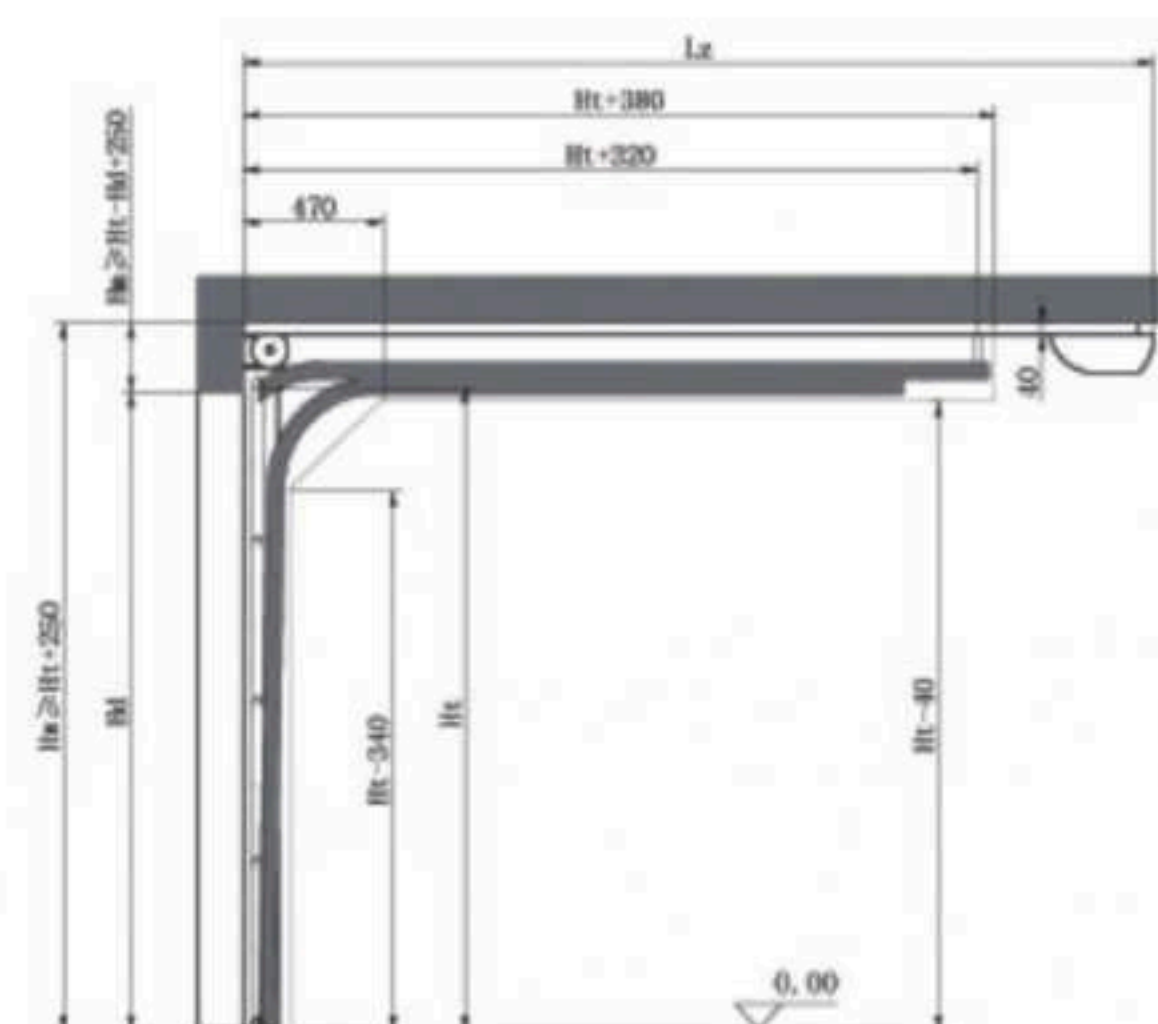
Manual door- rear spring



Automatic door- rear spring



Manual door-double track



Automatic door-double tracks



Slant horizontal tracks' installing-double tracks

Dimension of the door hole	Installation mode	Manual open	Driven by opener
Height of the lintel	Single track	≥ 300mm	≥ 350mm
	Double tracks	≥ 200mm	≥ 250mm
	Rear springs	≥ 60mm	≥ 100mm
Depth		Should be longer than the height of the door hole +510mm	Should be longer than the height of the door hole +1100mm
Explanation of letters	Door opening height; door's height; ceiling's height; headroom's height; garage's length		

Installation guide table