

Garage doors by Alulux:
New building, renovation, retrofitting!



 **MADE IN GERMANY**

ALULUX.
Experience the best quality!

Car, bicycles, motorbikes - two garage doors!
*We have decided in favour of **Resident** and **Detolux**!*



DETOLUX

Aluminium overhead door system



»At first we thought there was no simple solution! In the past we had no problems with our garage. The car was inside and the bicycles were easy to get out, too. But some months ago it became more and more arduous. Dad and me have a favourite hobby: doing motorsports. Riding motor-bikes and quad bikes and participating in private races became more and more our most beloved common leisure activity. We quickly found out: one entrance to the garage was no longer sufficient, because our bikes needed space in the garage as well. Our garage is large enough to have a second garage door at its side. But how to manage this?

Before reconstruction we have consulted a specialist and asked for the best solution fitting our demands. The professional's clear recommendation was: two garage doors with the brand name Alulux, of course made of aluminium!

We have decided in favour of the two door systems Detolux and Resident. And today we know, our specialist had done a really good job in consulting, because aluminium garage doors by Alulux stand out due to their numerous excellent features:

- Motor operator supplied as standard
- Systems completely made of aluminium
- Quick installation as retrofitting
- High protection against break-in
- Best comfort in operation
- Impressive optical characteristic
- Sized exactly to the millimetre
- 12 standard colours without extra charge
- Door systems certified by TÜV (Technical Inspection Authorities) for safety
- Solution for any installation situation
- Doors do not swing out
- Most silent run due to **LLS** (silent run system) «

RESIDENT

Aluminium **boxed roller door system**

VERTICO

Aluminium **lateral running door system**

ALULUX®

High-quality made of aluminium

The **garage door systems** made of aluminium by Alulux.



Overhead garage door system made of aluminium.

The silent runner among the garage doors.

Detolux is the ORIGINAL among the overhead doors with convincing comfort equipment. The door can be opened and closed comfortably from the inside of the car. At the push of a button on the radio remote control the Detolux garage door starts to move silently. The light integrated in the motor unit provides additional light inside the garage. The installation space requirement in the direct passage area can be minimized to 8 cm. The special roller locking devices guarantee a most quiet run.



Custom-made luxury garage door system made of aluminium.

With closed housing.

At the present time there are very high demands regarding the locking of garages. As behind these openings there are usually valuable vehicles or objects. Therefore more and more building owners make the competent decision: Aluminium boxed roller doors with the brand name Resident. When the garage door is open, the curtain is inside the closed aluminium housing. Due to this construction the total area below the ceiling can be used as storage place of roof boxes, sports equipment or roof racks.



Lateral running door system made of aluminium.

In nearly unlimited installation versions.

The Vertico lateral running door is an extraordinary solution to close garages in an intelligent way. It stands out by its high elegance, very small space requirement in the direct lintel area and best run properties. Its equipment comprising motor, radio remote control and obstacle detection gives proof of comfort and safety. As a special advantage two door openings can be programmed. That means, that Vertico can be opened completely or only partly (passage door effect) depending on your needs.

The **aluminium** garage door profile, type CD 77

Roll-formed, double-wall aluminium hollow section profile for garage doors. With CFC-free insulating foaming. Thick-layer stove enamel with texture paint. Surface area 78,5 mm. Can be combined with vision profiles CD 78. CD 77 can be used for all door systems.



CD 77

The **aluminium** garage door profile, type CD 200

Roll formed, double wall aluminium hollow section profile for roller shutters and garage doors. With CFC-free insulating foaming. Thick-layer stove enamel with texture paint. Surface area 55 mm. Profile CD 200 can only be used for Resident boxed roller doors.



CD 200

*Two doors in one garage. **Detolux** for the front and **Resident** for the side.*



The task was clear: retrofitting the garage with two garage doors, so that car, motor-bikes and bicycles can be reached easily at any time. In the front side there were only a few cm of space in the direct passage area and for the side the space on the garage ceiling should remain clear for an inserted floor.

We have decided in favour of the two garage door systems Detolux and Resident. Because the aluminium garage doors by Alulux feature numerous outstanding qualities. Every day we appreciate these qualities again and again and we are sure that this will last for many years.





Alulux garage doors – each door is **unique** and individually produced.

Today very high demands are made to the closure of garages. Behind the opening there are often valuable vehicles or objects. Therefore more and more building owners and families make the competent decision: Aluminium garage doors by Alulux. Experience the best quality!

Top ten **convenient** reasons for garage doors by Alulux!



1. Competent consulting by specialists.

The brand name garage doors are offered by exclusive Alulux specialist dealers. If you wish so, the technical consulting and the product selection is done directly at your home.

2. Exactly made to your measure.

The Alulux aluminium garage doors are really custom-made. That means that your door will be produced exactly to the mm, to fit your required dimensions. There are no standard sizes, but there is only one door that has been produced specially for you. You can choose among eleven different colour shades. And this again without extra cost.

3. Quality according to DIN-EN standard.

All brand name garage doors by Alulux fulfil the legally required DIN-EN standards. This is very important! Only with this feature you, as the owner of a garage door, are on the safe side. Do not make any compromises.

4. Place emphasis on safety.

The safe operation is the most important thing for Alulux garage doors. Avoid possible accidents before they happen with the automatic obstacle detection. So you protect people, door and objects. Delivered as standard for Detolux and Vertico. Available at extra charge for the Resident boxed roller door.

5. Use the full space in front of the garage.

With a garage door by Alulux you can profit by the place in front of your garage optimally. The doors do not swing out. Therefore you may park your second car directly in front of the garage and at the same time you are able to open or close the door.

6. Better protection against break-in.

The brand name garage doors by Alulux will pose considerable problems to hoodlums. You can equip the Resident garage doors with an anti-push-up lock at extra charge. Herewith you protect your garage additionally in a reasonable way. For Detolux and Vertico garage doors the motors are equipped



Aluminium – for a long life of your garage doors.

- Aluminium is the best possible metal for constructional products that are daily exposed to weather and that need to be light and at the same time sturdy. Therefore our door systems consist mainly of aluminium components.
- Aluminium is corrosion-free and the surface of our aluminium garage doors is additionally coated by a high-quality thick-layer stove enamel. Aluminium garage door profiles still offer further advantages:

CFC-free foaming:

- ✓ silent travel, resonance-free, torsion proof

Grooves in profile:

- ✓ higher stability of profile and better optical characteristic

Absolutely colour and light fast:

- ✓ no recoating
- ✓ colour brilliance for decades

Absolutely safe in function:

- ✓ Aluminium is a sturdy and weather proof metal.
- ✓ The garage doors made of aluminium can always be operated without problems.

There are just things that should be better made of aluminium!

with **AÖS** (opening protection) as standard.

7. Pleasant silence during door run.

The aluminium garage doors by Alulux feature best running properties. Most silent run due to the standard **LLS** (silent run system) in Detolux and Vertico systems. The garage doors are not pulled inflexibly but guided over a roller system. In the Resident system the comfort roller bracket (at extra charge) provides best door run and material-friendly movement.

8. Only a few centimetres are sufficient.

The Alulux garage door systems fit into any garage opening. With the Resident roller door the whole ceiling of the garage can be used as storage place. Detolux runs below the ceiling and requires only 14 cm of space in the passage area and the Vertico lateral running door requires only 5 cm of space.

9. Comfortable operation with motor and radio control!

The electric motor is naturally a comfortable feature in the Alulux garage doors. An additional radio

remote control for the garage doors is one of the most convenient things you can imagine. And you will get this comfort in Detolux and Vertico systems as standard. For Resident doors a control unit for the radio remote control is available at extra charge.

10. Quick to mount - easy to maintain!

The specialist installs the doors that are easy to mount within a few hours. The maintenance for you is quite simple: Clean the door surface several times per year with clear water and then apply the special Alulux cleaner. So you will take much pleasure in your garage door for many years.

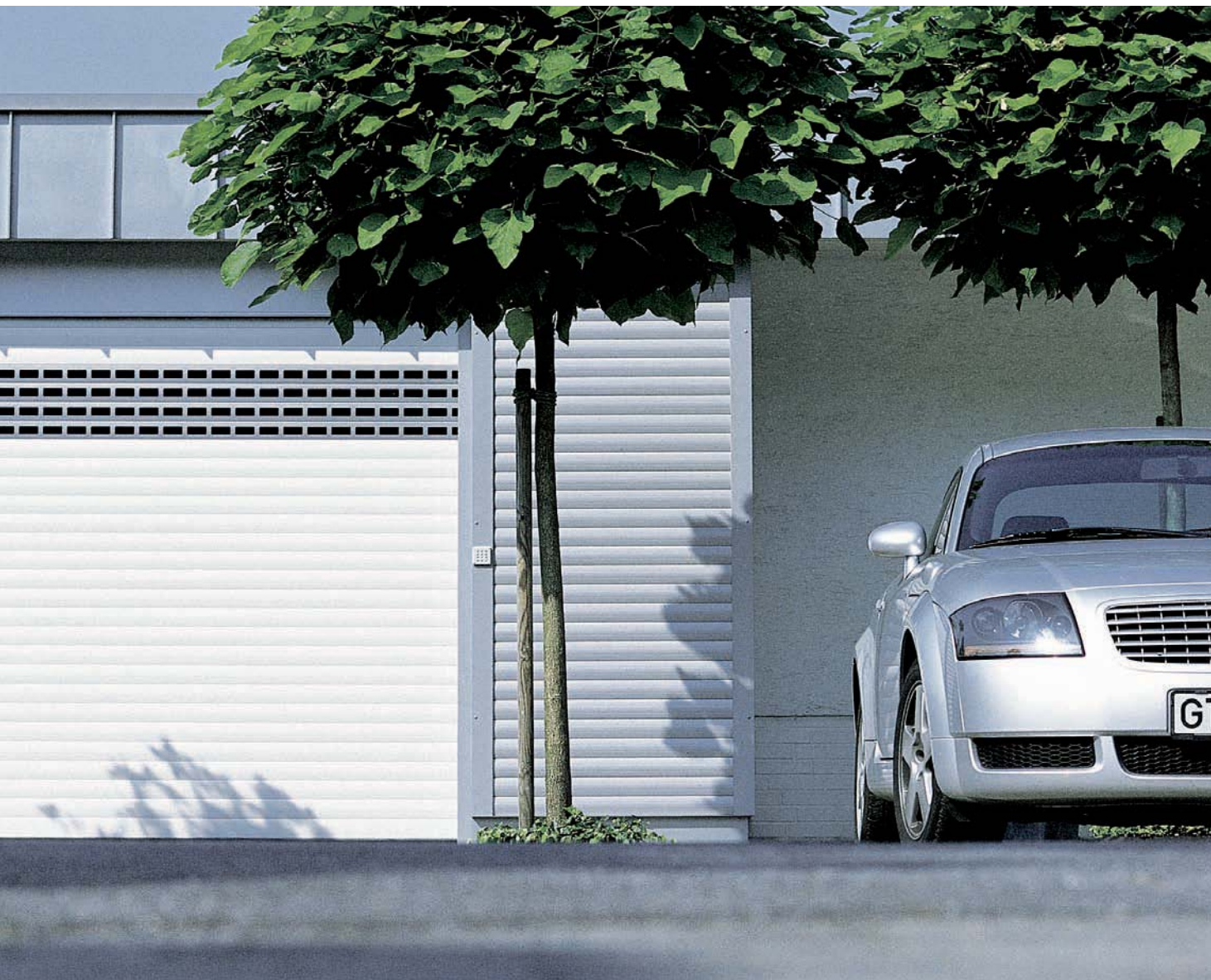
DETOLUX Only a few cm of space requirement.

Every season has its rainy days. At times you are soaked before you can start your car. Unlock the garage door, heave it up and close it again. This need not last for the future. Indulge yourself in an automatic garage door made of aluminium. Indulge yourself in the automatic Detolux overhead door.

The Detolux garage door system – Overview

- › Complete aluminium garage door
- › Custom-made to the millimetre
- › Space requirement in the lintel area can be minimized to 8 cm
- › 12 standard colours and 36 special Renolit colours
- › Up to an opening width of 400 cm
- › Radio remote control and motor unit as standard
- › With integrated obstacle detection
- › Interior garage light
- › Emergency unlocking from inside as standard
- › Motor unit with **AÖS** (opening protection)
- › No lost space in front of the garage. The door does not swing out
- › Protection against unrolling on both sides
- › Ventilation profile as standard
- › Most silent travel by **LLS** (silent run system)
- › Adaptation to the roof slope up to 10%
- › Vision profiles at extra charge
- › Certified by TÜV (Technical Inspection Authorities), produced according to DIN-EN safety standards
- › Solar- or battery powered (subject to surcharge)





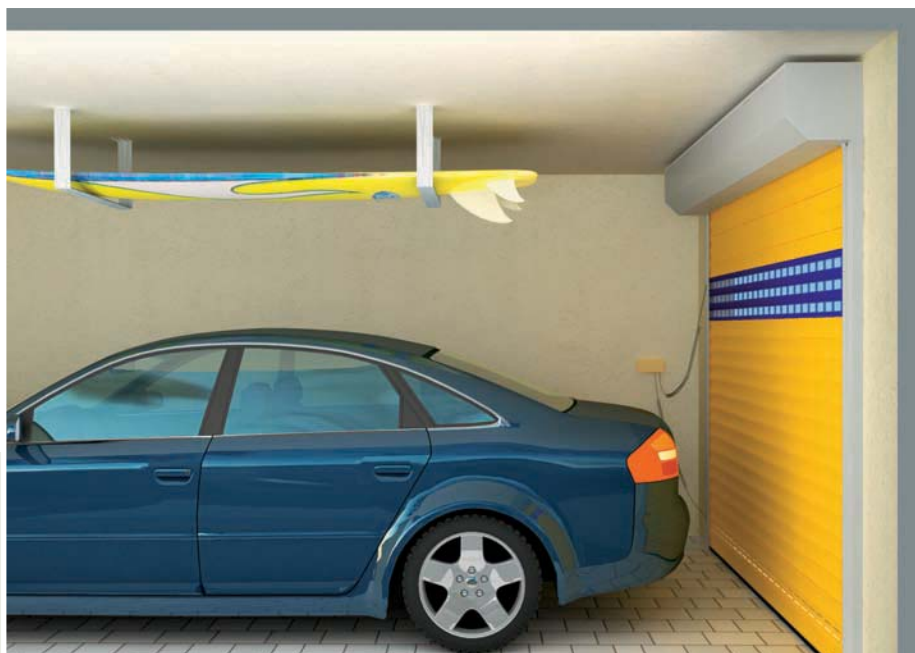
RESIDENT

The luxury class of garage doors.

When opened, the garage door is inside the aluminium box. Its height varies between 250 and 400 mm depending on the door height. By this construction the complete ceiling area in the garage can be used as storage place for roof boxes, sports equipment, a hard top or an inserted floor.

The Resident garage door system - Overview

- › Complete aluminium garage door
- › Custom-made to the millimetre
- › Space requirement for the housing in the lintel area = min. 25 cm
- › 12 standard colours + 36 special Renolit colours
- › Up to an opening width of 540 cm
- › Motor unit as standard equipment
- › Closed aluminium housing
- › No lost space in front of the garage. The door does not swing out
- › With safety brake
- › Vision profiles at extra charge
- › Certified by TÜV (Technical Inspection Authorities), produced according to DIN-EN safety standards
- › Obstacle detection/radio remote control at extra charge





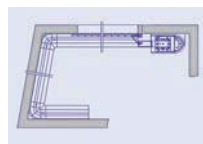
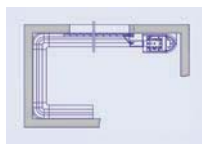
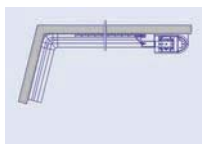
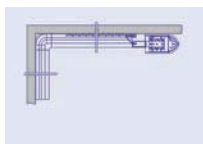
VERTICO

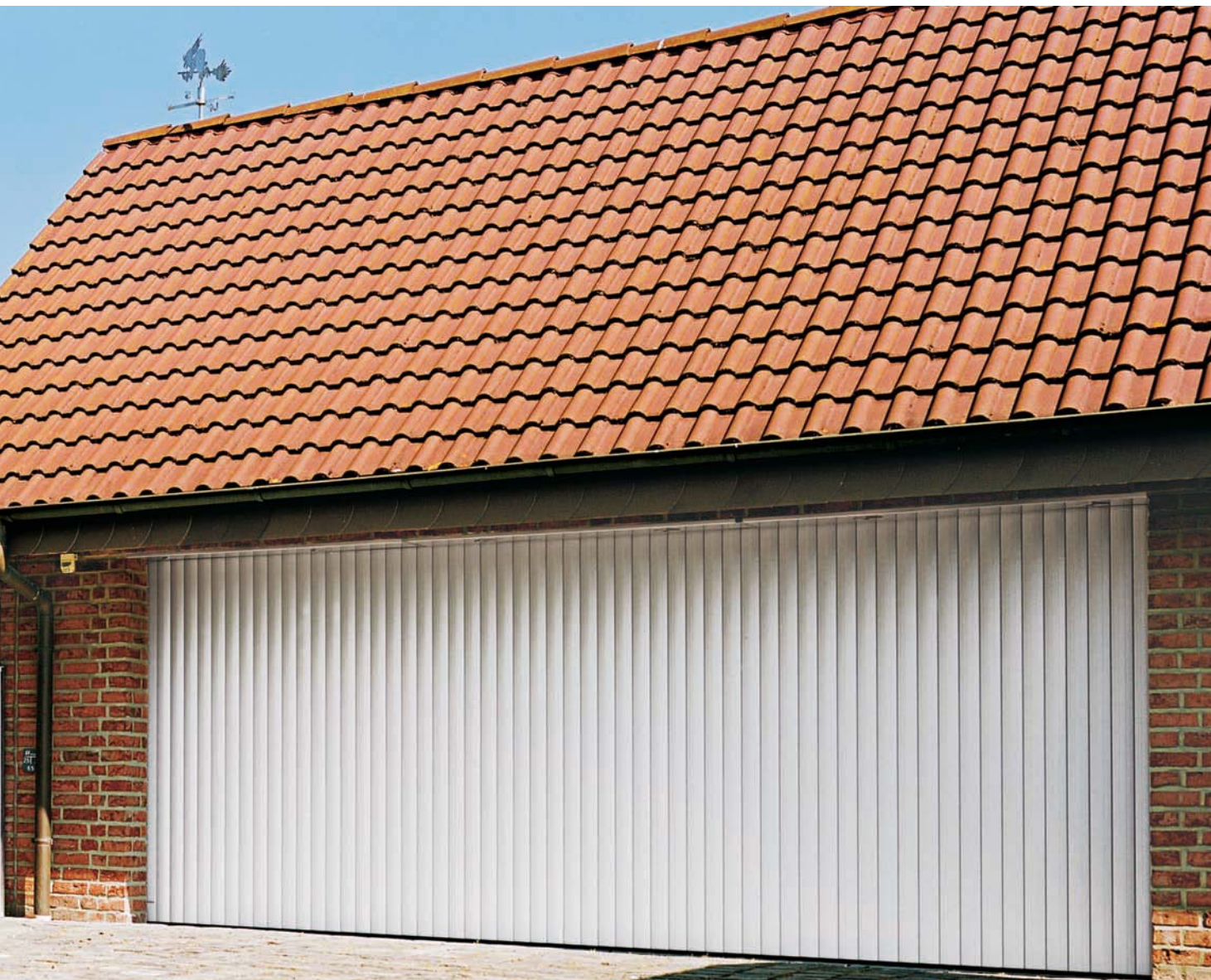
All-rounder with multi-comfort.

The Vertico lateral running door is the extraordinary solution to cover garage openings up to a width of 562 cm in an intelligent way. The standard equipment comprising motor, radio remote control and integrated obstacle detection gives proof of comfort and safety.

The Vertico garage door system - Overview

- › Complete aluminium garage door
- › Custom-made to the millimetre
- › Space requirement in the lintel area can be minimized to 5 cm
- › 12 standard colours and 36 special Renolit colours
- › Up to an opening width of 562 cm
- › Radio remote control and motor unit as standard
- › With integrated obstacle detection
- › 2 openings can be programmed (passage door effect)
- › Interior garage light
- › Emergency unlocking from inside as standard
- › Motor unit with **AÖS** (opening protection)
- › Only 13 cm space requirement for the side turn radius
- › No lost space in front of the garage. The door does not swing out
- › Most silent travel due to **LLS** (silent run system)
- › Very high stability due to vertical profiles
- › Certified by TÜV (Technical Inspection Authorities), produced according to DIN-EN safety standards
- › Solar- or battery powered (subject to surcharge)





*A lot of good reasons: We have decided in favour of garage doors by **Alulux!***



High-quality aluminium doors



Silent run system for Vertico and Detolux



Automatic obstacle detection



Comfort radio remote control



CFC-free foamed aluminium profiles



Doors do not swing out



Resident with whispering roller brackets



Motor with integrated opening protection



Safety certified by TÜV



Large colour selection



Produced according to DIN-EN safety standards



Solar or battery powered motor

Please note that the product characteristics of the various systems differ. Some of these characteristics are subject to an additional charge.





A garage door should be reliable for its owner for many years. Usually the door is operated several times per day, because today garages are no longer used only for vehicles. Therefore quality, safety in use and comfort should be first options when selecting a garage door, as to make the right decision in favour of a reliable product.

When you look for a particular solution for your garage, there is actually no other choice than an automatic garage door made of high-quality aluminium.

Aluminium is corrosion-free and the surface of the aluminium door profiles is additionally coated with a high-quality thick-layer stove enamel. Thus you never need to recoat the door. There is no question: ALUMINIUM!

The garage door systems are used for new buildings, but as well pre-eminently for renovation or retrofitting. For example when you wish to have something really good for the future, after you have been operating with efforts your swinging garage door for years by hand.

The aluminium garage doors by Alulux feature numerous outstanding qualities:

- Motor operation as standard
- Systems completely made of aluminium
- Quick retrofitting
- High protection against break-in
- Best comfort in operation
- Impressive optical characteristic
- Sized exactly to the millimetre
- 12 standard colours without extra charge
- Door systems tested by TÜV (Technical Inspection Authorities) for safety
- Solution for any installation situation
- Doors do not swing out
- Most quiet run due to **LLS**

A unique range of features and quality design – Garage doors from Alulux.

Alulux garage doors are a valuable and convenient addition to any garage. Alulux's garage doors are manufactured using only the highest quality functional components, which, although hidden from view, ensure that your garage door will give you the protection and security you require.

Coated aluminium components.

All Alulux basic aluminium garage door components are coated with a high-quality powder coating.

Safety.

All Alulux garage door systems are equipped with a fall arrest system that provides comprehensive protection to users at all times.

Smooth action and durable garage doors.

The clever combination of various types of materials ensures that all of the garage doors are extremely durable and that they perform their actions extremely smoothly.

Precision guide pulley.

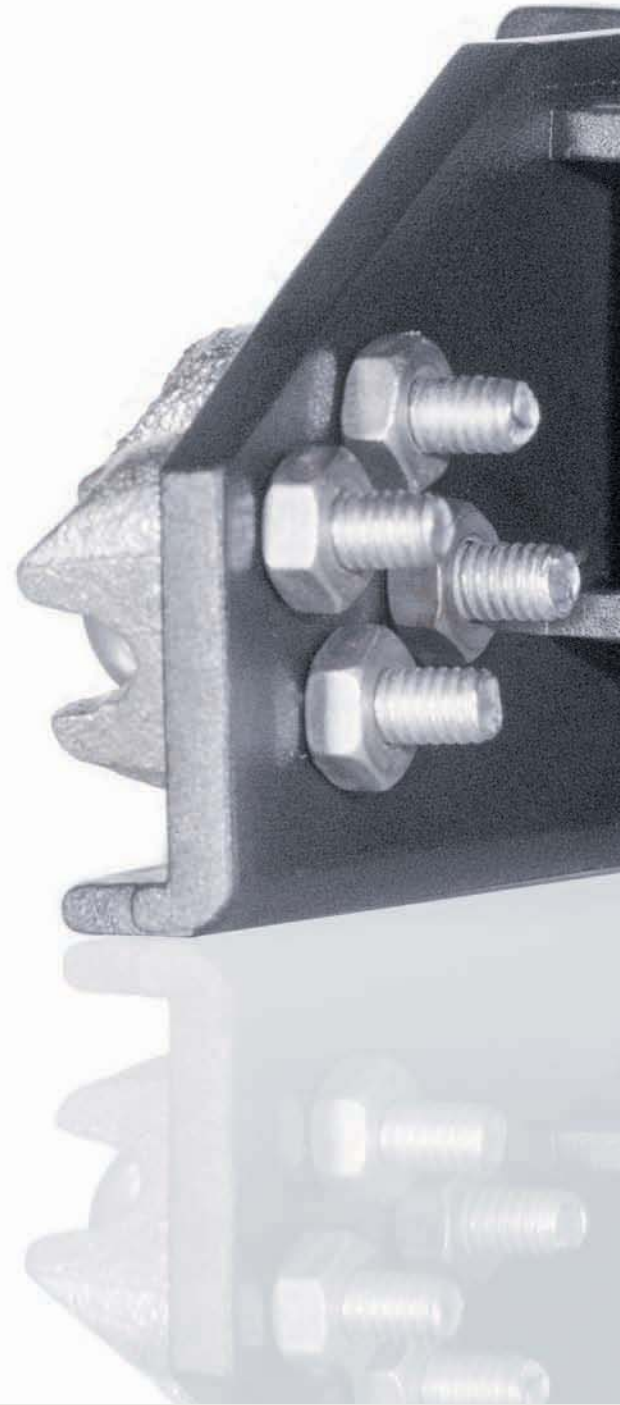
The guide pulley used for operating the belts for the spring assemblies is precision guided and gentle.

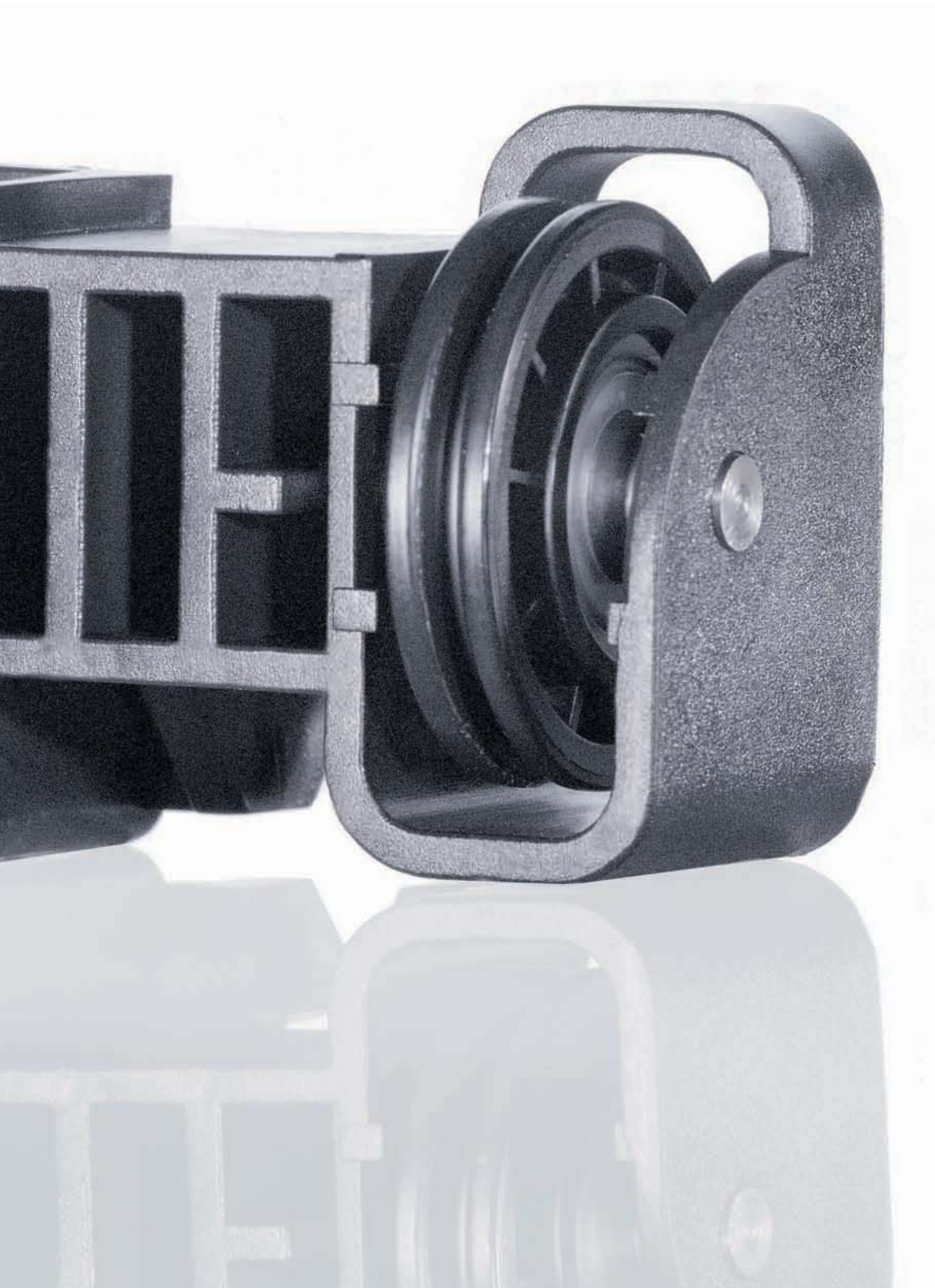
Die-cast aluminium end slat arrestor.

All Alulux garage doors are equipped with high-quality die-cast components in those areas that are subject to particularly high levels of mechanical stress.

Automatic Control options.

Alulux offers a range of automatic garage door controls to enable you to decide on the most convenient option for you.





Always make sure that your garage doors comply with the **European Standard DIN-EN 13241-1.**



Available **garage door colours.**

For typographical reasons the colours may not be displayed correctly on this page. For CD 77 additional 34 Renolit colour shades are available at extra charge.



Aluminium profile, **Type CD 77**, Resident, Detolux and Vertico

01 white	02 light grey	03 brown	04 alu-metallic	11 light beige	16 purple
30 dahlia yellow	31 firgreen	32 creamy white	54 golden oak	79 steel blue	80 anthracite grey



When installing a garage door the safety features according to EU standard 13241-1 have to be observed. As owner and user you are responsible to fulfil these requirements with your residential garage door.

The door systems Detolux, Resident and Vertico are certified by TÜV and are produced according to the current EU standard. But they have to be adapted exactly to the respective site conditions. Declaration of Conformity, CE-sign, test manual and an individual type plate are part of the supply package of our brand name garage doors. Everything is completely tested and certified. The below mentioned safety regulations are excerpts from the Standard. They have not been taken over completely and verbatim. There are still further requirements that have to be considered, too.

Excerpts from the EU Standard:

Manual operation (Point 4.4)

At power failure or when the door operator fails, a trapped person must be able to leave the room. So either a second door has to exist or the door needs an emergency release to be unlocked from inside. In the Detolux and Vertico systems the emergency release from the inside is standard. For Resident it is available at extra charge.

Protection/Main closing edge (Point 4.5)

For all automatic garage doors with radio remote control/impulse operation it is essential, that the main closing edge is equipped with a failure-proof contact bar. That means, as soon as an obstacle is recognised in the passage area, the door must stop and reverse in order to release the obstacle. In the Detolux and Vertico systems a microprocessor controlled automatic cut-out function is standard. For Resident the Benny radio comfort package is available at extra charge.

Safety brake

Garage doors must be secured against dropping and uncontrolled and unbalanced movements, as soon as the force on the main closing edge exceeds 15 kg. For this safety spring kits are incorporated into the Detolux garage door. Resident roller doors are equipped with a safety brake as standard that stops the door system electrically and stops it mechanically in case of emergency.

Power-off control

Every door must be equipped with a separating device that separates all incoming power supply cables. These have to be protected against unauthorised or unintended connection. In the Detolux, Vertico systems and in the Resident garage door with Benny radio comfort package (at extra charge) this is guaranteed by means of the safety plug. In case of a fixed connection to power supply, a main switch is necessary.

Do not take any risks! Buying a garage door is a matter of confidence. Ask your Alulux specialist dealer for an appropriate equipment for your garage door.



Aluminium profile, *Type CD 200*, for Resident

01 white	02 light grey	03 brown	04 alu-metallic
08 cream	11 light beige	54 golden oak	

Available colours for Resident *aluminium box*

01 white	02 light grey	03 brown
04 alu-metallic	10 dark brown	11 light beige

Summary on the *equipment*

● as standard ○ at extra charge	<i>Detolux</i>	<i>Resident</i>	<i>Vertico</i>
Motor unit	●	●	●
System production according to DIN-EN Standard	●	●	●
Garage door system certified by TÜV	●	●	●
Custom-made of aluminium to the mm	●	●	●
Radio remote control	●	○	●
Obstacle detection	●	○	●
Emergency hand operation from inside	●	○	●
Emergency hand operation from outside	○	○	○
Anti-push-up lock/motor with AÖS (opening protection)	●	○	●
Comfort roller brackets/ LLS (silent run system)	LLS	Comfort roller bracket	LLS
Safety brake	●	●	not necessary
End slat can be partly drawn in	●	●	●
Key switch, surface-mounted or flush-mounted	○	○	○
NCT (numeric code keypad)	○	○	○
Texture paint on SG (extruded) profiles of the door surface	●	●	●
Guide rails with distance	○	●	○
Upgrading with vision profiles	○	○ for CD 77	○
Ventilation profile	●	○ for CD 77	–
Min. space requirement in the passage area	8/14 cm	25/30 cm	5 cm
Standard colours	12	7 for CD 200, 12 for CD 77	12
Solar / battery (optional)	○	–	○





Alulux brand name
**front-mounted
roller shutter systems:**



Aluminium
**front-mounted
roller shutter system**



Aluminium
**roller shutter system
in round design**



Aluminium
**roller shutter system
in 1/4 round design**



Aluminium
**roller shutter system
in 1/2 round design**