



# AG/77 roller garage doors









# ALUTECH roller garage doors



## Safety

A safety edge system and manual override system is fitted to roller garage doors in case of a power or motor failure.



## Conformity to standards

ALUTECH roller garage doors conform to the European standards of safety and wind load resistance EN 13241-1, EN 12424. This is confirmed by the TÜV-certificate of CE marking and by test reports.



## Wind resistance

Roller garage doors withstand a wind load up to 450 Pa, corresponding to class 2 according to EN 12424, and they can be installed in openings up to 5,92 m wide and 3,8 m high.



## Maximum space saving

Roller garage doors save space outside as well as inside the premises. They are the ideal solution for garages with a short driveway. You can also efficiently utilise all available roof space.



## Lightweight and durable

Aluminum roller garage doors are resistant to rain, to fluctuations in temperature and to corrosion. They are solid and secure, environmentally friendly and light.



## Variety of mounting types

Roller garage doors can be mounted outside or inside the premises, with a visible or concealed shutter box. Mounting doors on consoles is suitable for installation indoors, where the components are protected from the rain.





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# Advantages of the profiles for ALUTECH roller garage doors



## Optimum strip thickness

AG/77 profiles are fabricated from aluminium strip 0,49 mm thick. This guarantees a strong and durable wind load resistant design.



## Abrasion resistance

PUR/PA\* is a two-layer lacquer coating applied to profiles at a thickness of 25-30 microns which provides high resistance to abrasion, scratches and cracking.



## High quality foam filling

Environmentally friendly CFC free foam. The even foam filling without voids and cavities provides good strength characteristics.



## Additional ventilation

EA/77 profiles with vents provide additional ventilation.



## Partial view and illumination

Installing EV/77W profiles with windows and special acrylic glazing allows daylight to penetrate inside the garage. This allows you to access your car or find something without turning the light on.



## Wide colour range

More than 15 profile colours and different finish types, including imitation wood lamination, provide original and individual colour solutions.





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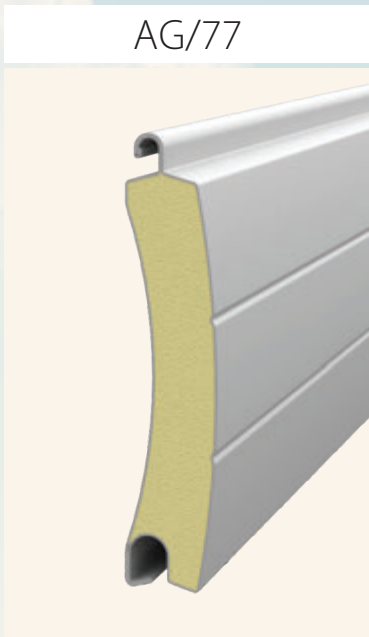


# Profiles for ALUTECH roller garage doors

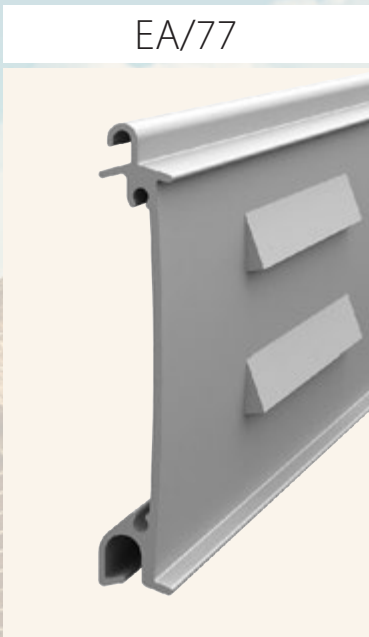
Aluminium  
roll-formed profiles

Aluminium  
extruded profiles

AG/77



EA/77



EV/77W



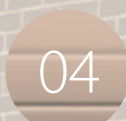
white



brown



grey



beige



purple red



silver



black



anthracite



green fir



golden oak



cream



dark brown



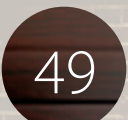
green moss



dark blue



irish oak



black cherry



nut



golden oak\*

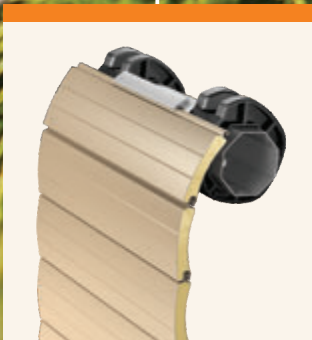
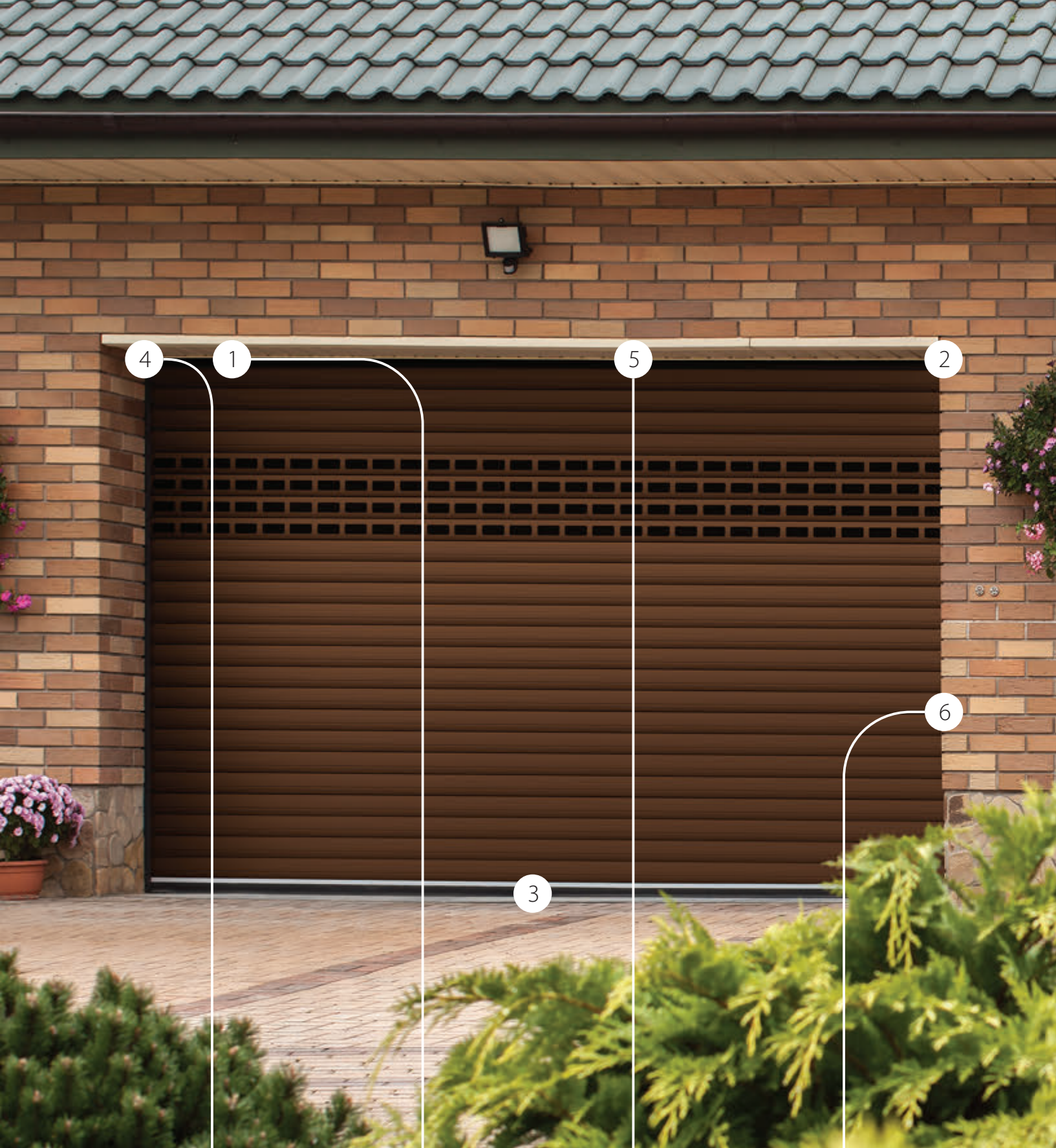


nut\*

Printed colours are only a guide  
as they often appear differently in  
comparison to the actual colour  
range.

\*Renolit film lamination





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# Designed with safety and reliability in mind

1

## Safety brake

A safety brake prevents dropping of the curtain in case of electric motor failure.

2

## Hand operation for emergency opening

It's recommended that you optionally include a detachable hand drive with your automatic roller garage door to open the door in case of power failure.

3

## Safety edge system

If an obstruction is detected in the opening, and it contacts with the edge of roller garage door, the curtain is stopped or reversed (depending on the settings).

4

## Movable carriages

Prolongs the operating life of your roller garage door by ensuring smooth and secure movement of the curtain along the guide rails, which reduces the load on the motor and suspension system.

5

## "Snail" suspension system

This ensures even winding of the curtain and reduces abrasion of the curtain during operation.

6

## Guide rails with wind locks

The combination of AG/77 profiles with reinforced side locks and the guide rails with wind locks provides the high wind load resistance of the curtain.







# Comfort and control

## Automatic operation

A wide range of automatic operation and safety devices: electric motors with manual override system, controls such as key lock switches or the more comfortable operation by radio remote control, plus a safety edge system that serves to stop the curtain in case of any obstruction being in the opening.

Automatic operation ensures the most convenient and multi-functional control of roller garage doors. You can operate them sitting in a car by pressing once a button.



## Manual override system

According to EN 13241-1 it must be possible for a person to open and exit the premises in case of power or electric motor failure. There are two ways to achieve this: through an alternative / emergency exit or by means of a manual override fitted to the doors. In the latter case, the doors must be equipped with an electric motor with manual override system (NHK) and fitted with a detachable hand drive.







The ALUTECH Group of companies is one of the leaders in the roller shutter systems and sectional doors market in Eastern and Western Europe, the leading manufacturer of aluminium profile systems in the CIS. The ALUTECH Group unites 7 manufacturing enterprises and 25 sales companies in Russia, Belarus, Germany, Ukraine and the Czech Republic.

All the enterprises within the Group of companies are equipped with the high-technology equipment, which permits fabrication of products conforming to the European quality standards.

Company owned production complexes enable the specialists in the ALUTECH company to be able to control the quality of the products at all stages of the industrial process: from purchase of raw materials through to creating finished products and their packaging.

All the elements of a roller shutter system are tested for compliance with the European quality standards, compatibility of components and colour standard compliance.

The Quality management system of all enterprises within the ALUTECH Group is certified for compliance with the requirements of the international standard ISO 9001 by TUV CERT.

A distinguishing feature of the ALUTECH Group of companies is an integrated approach to the production process: 90% of the roller shutter system components are produced by the enterprises within the Group of companies. Being a leader in the production of roller shutter systems, we offer a wide range of profiles and components: roll-formed and extruded profiles, end slats, guide rails, shutter boxes and end caps, octagonal roll tubes, hand operators, assist and push-up springs, components and accessories for roller shutter systems — extending to more than ten thousand individual items.

Today ALUTECH roller shutters are supplied to the CIS countries and the Baltic States, Germany, France, Great Britain, Austria, the Netherlands, the Czech Republic and other countries in Western and Eastern Europe. ALUTECH roller shutters have been installed in millions of buildings in 40 countries around the world.

