



# ISO 40 mm

Alpha's all-rounder

The ISO 40 mm sectional door is Alpha's most popular door, a modern design that unifies excellent thermal insulation and sound-absorbing qualities in its micro-profiled panels. The choice of design and materials are endless, which means the door can always be perfectly configured to meet your wishes. Numerous types of built-in windows as well as different heights and widths make up the ISO 40 mm range, as well as a wide variety of Alpha's in-house RAL colours.



Micro-profiling, it's the standard!

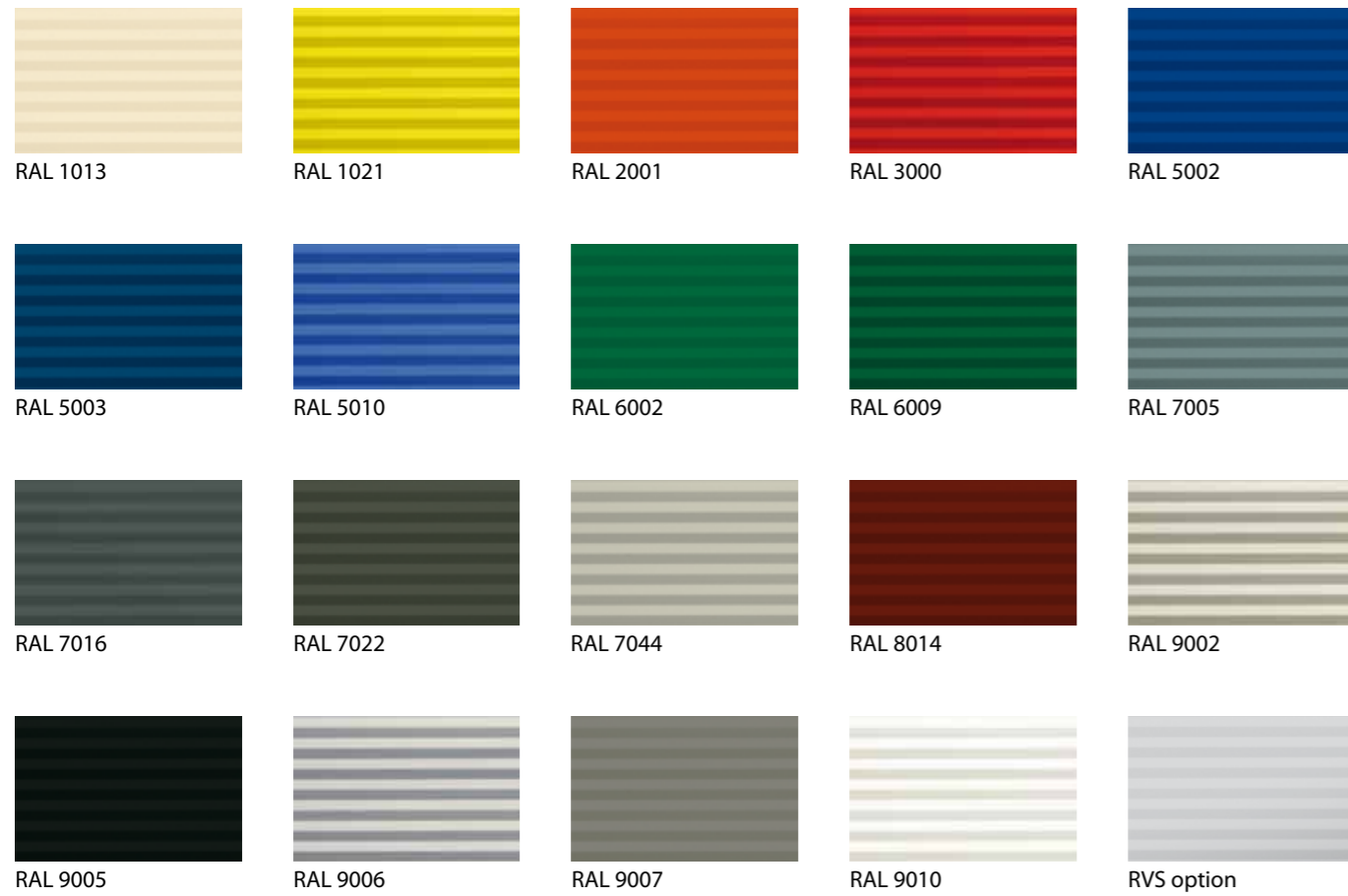


## Flexibility is everything

ISO 40 mm sectional doors are designed and manufactured using the very latest technology. Their finish is robust and detailed, as demonstrated by the metal or aluminium end caps, the reinforcement profiles and the anodized aluminium sub-profiles, which cannot be seen from the outside. Flexibility is everything in the manufacturing process, and it is a true all-rounder that perfectly combines price, performance and application options.

U-value ISO 40 mm sectional door:  
5,000 x 5,000 mm: 1.05 W/m<sup>2</sup>K

## Alpha's in-house range



## A rainbow of colours

Thanks to Alpha, architects can now indulge in design and colour variations. The optical properties of the microprofiled sheet plate makes the doors perfectly suited to modern industrial architecture. Alpha's in-house range offers 20 common RAL colours to give each door its very own personality – at no extra cost. Thanks to this selection of colourfast coil coatings, the doors can always be seamlessly integrated into your company's look. Do you have special requirements when it comes to the colour? Alpha can offer you a whole rainbow of colours.



## Types of windows

### The purpose of windows

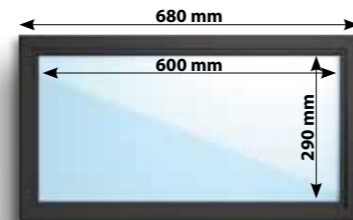
ISO sectional doors can be fitted with Plexiglas windows for increased natural light and improved visibility. The standard windows are oblong, with straight or rounded corners containing single or insulating double glazing. For additional security against intruders, narrow rectangular windows with rounded corners are also available. Are you looking for a one-of-a-kind design? Then go for the rounded windows or a creative pattern made up of windows.



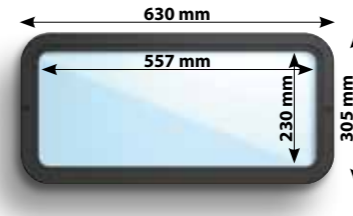
Lots of light and great visibility



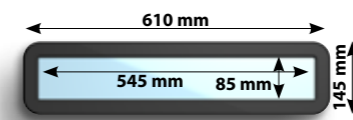
Straight corners, excellent insulative value



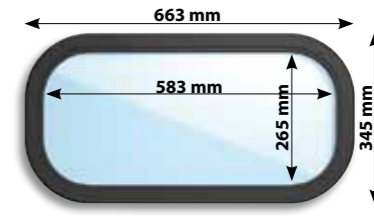
Rounded corners (r=60 mm), excellent insulative value



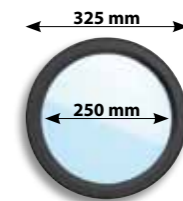
Narrow, burglar-proof windows



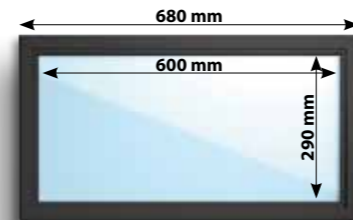
Rounded corners (r=120 mm), excellent insulative value



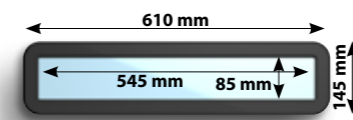
Attractive round windows



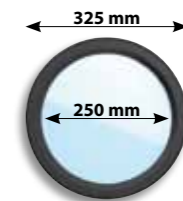
Straight corners, excellent insulative value



Narrow, burglar-proof windows



Attractive round windows



## Interior view ISO 40 mm



### The interior

The interior of the ISO 40 mm sectional door is horizontally profiled and is coated in RAL 9002 as a standard. Other colours are available on request at an additional cost.



### Standard frame

The standard frame between the door and the vertical railing ensures that the sides of the door seal properly.



### Heavy-duty frame

We use this type of frame for doors with a dark colour. Due to the heat of the sun, the door may expand in the middle against the upper lintel. The heavy-duty frame prevents this from happening.



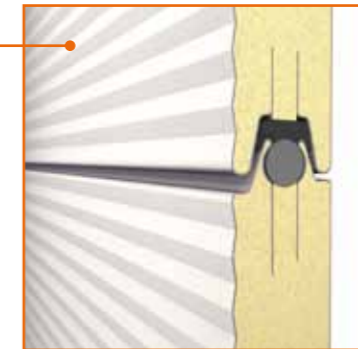
### Wind load

Depending on the width of the door, Alpha will install reinforcing profiles on the door. Thanks to these, the door is able to withstand a heavy wind load, in accordance with the applicable rules and standards.



### Top seal

The upper door panel of the ISO 40 door is equipped with an EPDM rubber door seal, which ensures the best possible connection to the upper lintel. The door fits seamlessly and no energy is lost.



### Panel seal

The panels of the ISO 40 door are specially sealed to make them completely wind and waterproof using Compriband, a polyurethane sealing strip that is attached between the panels. Additionally, the ISO 40 doors are fully insulated, because the inner and outer door panels are not attached to each other.



### Single side hinge

Alpha uses single side hinges for doors with an opening width of up to 5 meters. It is a robust construction that ensures that the door hangs well and closes properly.



### Double side hinge

Alpha uses double side hinges for doors with an opening width of 5 meters or more. This ensures that even the heaviest of doors hang well.



### Floor seal

Alpha uses rubber sealing strips to ensure that the door is flush with the floor. Together with a concrete strip, this will prevent water from seeping under the door.