

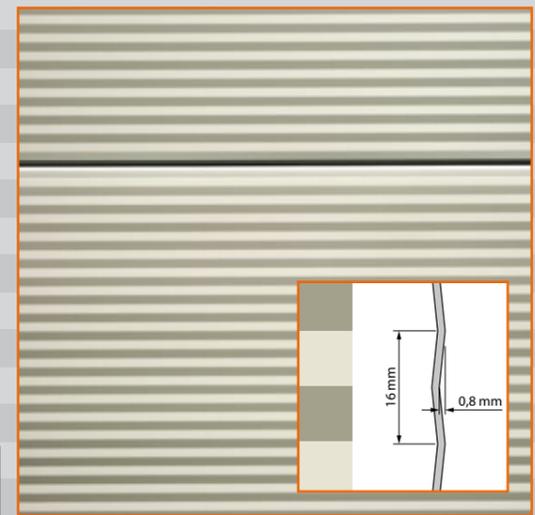


ISO 40 mm

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 variety of 12 standard Alpha's in-house RAL colours.



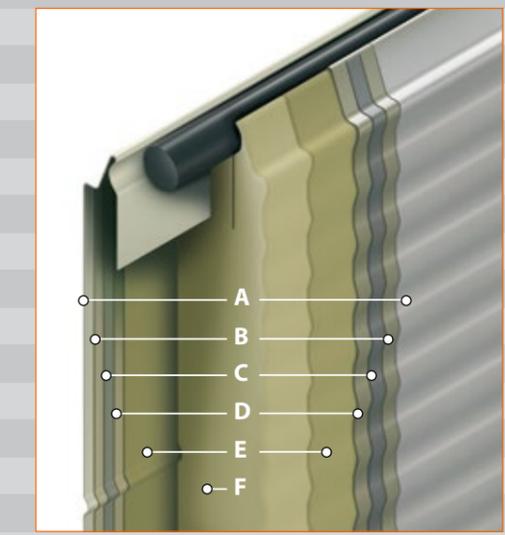
Micro-profiling, it's the standard! 12 Standard colours without any extra charge



U-value ISO 40 mm sectional door: 5,000 x 5,000 mm: 1.02 W/m²K

Sandwich-construction ISO 40 mm panel

Panel thickness: 40 mm
 Insulation value: U=0.52 W/m²K
 Density PU foam: 40 kg/m³



- A Paint layer: 12 standard colours (outside)
- B Zinc coating: 275 g/m²
- C Steel sheet: 0.5 mm
- D Zinc coating: 275 g/m²
- E Primer coating
- F PU high density foam: g=40 kg/m³, and HCFC-free

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.

Unit 18A, Zone C,
 Mullingar Business Park
 Mullingar, Co. Westmeath

Tel: 044 9345884
 Email: info@serchek.com

Web: www.serchek.ie
 @SerchekIndustrl
 @SerchekIndustrial
 Serchek Industrial Ireland



ISO 60 mm



The effective partition between climate zones

ISO 60 mm sectional doors are overhead doors with extra-insulating and sealing properties that are mainly used in locations where the division between different climate zones is important.

If you need to keep your production hall or storage area at a constant temperature, the ISO 60 mm door is the right one for you. The micro-profiled steel plate panels have excellent sound-absorbing and heat-insulating properties and they can withstand all the elements.

Unit 18A, Zone C,
Mullingar Business Park
Mullingar, Co. Westmeath
Tel: 044 9345884
Email: info@serchek.com

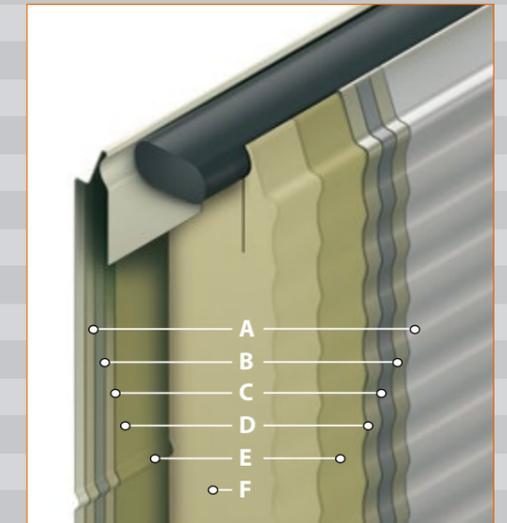
Web: www.serchek.ie
 [@SerchekIndustrl](https://twitter.com/SerchekIndustrl)
 [@SerchekIndustrial](https://www.facebook.com/SerchekIndustrial)
 [Serchek Industrial Ireland](https://www.linkedin.com/company/Serchek-Industrial-Ireland)



U-value ISO 60 mm sectional door: 5,000 x 5,000 mm: 0.77 W/m²K

Sandwich-construction ISO 60 mm panel

Panel thickness: 60 mm
 Insulation value: U=0.35 W/m²K
 Density PU foam: 40 kg/m³



- A Paint layer: 10 standard colours (outside)
 - B Zinc coating: 275 g/m²
 - C Steel sheet: 0.5 mm
 - D Zinc coating: 275 g/m²
 - E Primer coating
 - F PU high density foam: g=40 kg/m³, and HCFC-free
- E Primer coating
 - D Zinc coating: 275 g/m²
 - C Steel sheet 0.5 mm
 - B Zinc coating: 275 g/m²
 - A Paint layer: RAL 9002 (inside)

Very high insulative value

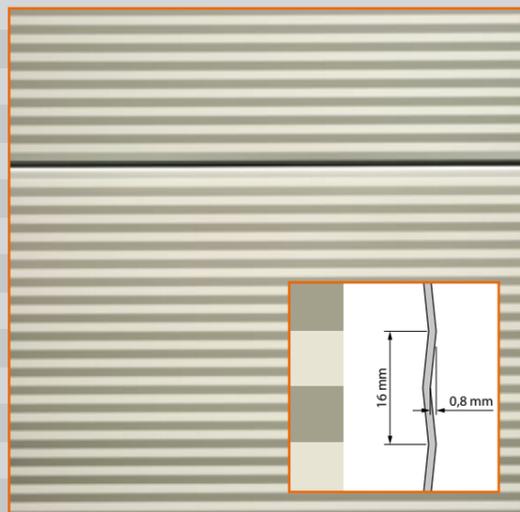
The panels of the ISO sectional doors are manufactured using what is known as the sandwich method, a process that entails a layer of CFC-free rigid polyurethane foam being inserted between two zinc-coated steel plate sheets and glued in place. The doors are available in 10 standard colours. The steel plate sheets can also be spray painted in a RAL colour of your choosing.



ISO 80 mm

Double-skinned sectional doors with thermally broken steel panels

Commercial buildings need to satisfy increasingly higher levels of insulation performance. Standards are being made more demanding and this trend will continue. All areas of the building need to be brought in line with these requirements, including the entrances. Like the ISO 40 and ISO 60 sectional doors, the panel cavity is filled with dense polyurethane foam, with a thermal break between the inner and outer skins. The ISO 80 sectional door uses the same design principle but offers even greater thermal insulation.



Standard microprofiled, 3 colours without additional costs.

Floor seal



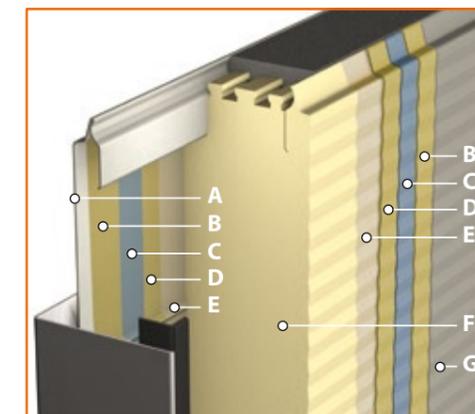
For enhanced energy retention Alpha uses a double rubber profile on the ISO 80 Door with an inward curved sealing lip for optimum sealing. The rubber profiles are accommodated by a special plastic profile with a low heat conduction, furthermore the sealing lip of the rubber profile forms a tight connection with the vertical lateral seals.



Sandwich-construction ISO 80 mm panel

Panel thickness: 80 mm
 Insulation value: $U=0,25 \text{ W/m}^2\text{K}$
 Density PU foam: 40 kg/m^3

Panel: Outside microprofiled Inside stucco design



A Paint layer: RAL 7016, 9002 and 9006 (outside)
 B Zinc coating: 275 g/m^2
 C Steel sheet: $0,5 \text{ mm}$
 D Zinc coating: 275 g/m^2
 E Primer coating
 F PU high density foam: $g=40 \text{ kg/m}^3$, CFK and H-CFK -free
 G Paint layer: RAL 9002 (inside)

Optimum insulation

By offering optimum insulation performance coupled with a U value of $0.25 \text{ W/m}^2\text{K}$, the ISO 80 satisfies the requirements of customers who want to construct buildings (or have them constructed) in accordance with today's standards. As a result, this door is ideal for cold stores and refrigerated warehouses, industrial buildings, warehouses and distribution centres where heat loss is a major risk and/or where the temperature of the goods must be guaranteed.



U-value ISO 80 mm sectional door: 5,000 x 5,000 mm: $0.49 \text{ W/m}^2\text{K}$

Unit 18A, Zone C,
 Mullingar Business Park
 Mullingar, Co. Westmeath
 Tel: 044 9345884
 Email: info@serchek.com
 Web: www.serchek.ie
 @SerchekIndustrl
 @SerchekIndustrial
 Serchek Industrial Ireland