

80 mm Sectional overhead doors

Energy savings to perfection



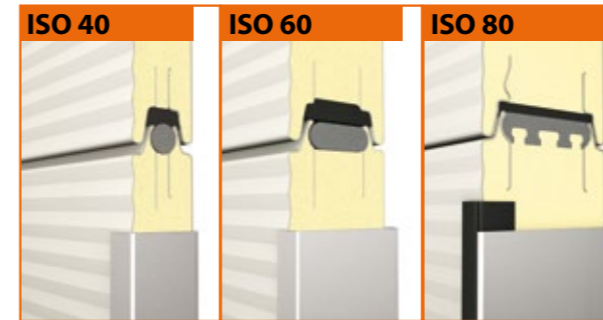
alpha opening doors everywhere



ISO 80 mm



Insulation value



U-value ISO sectional door 5000 x 5000 mm		
1.02 W/m ² K	0.77 W/m ² K	0.49 W/m ² K

Panel seal

The panels of the ISO 80 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 80 doors are fully insulated, because the inner and outer door panels are not attached to each other.

Colours

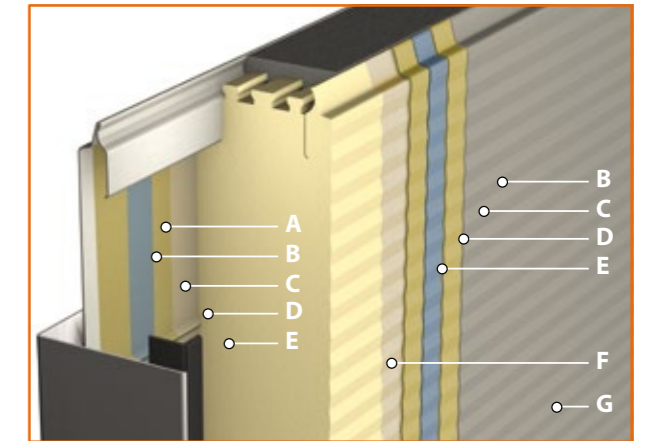


The ISO 80 sectional door is available in RAL 9002, 9006 and 7016. Do you have special requirements when it comes to the colour? Alpha can offer you a whole rainbow of colours.

Sandwich-construction ISO 80 mm panel

Panel thickness: 80 mm
 Insulation value: U=0,25 W/m²K
 Density PU foam: 40 kg/m³

Panel: Outside microprofiled
 Inside stucco design



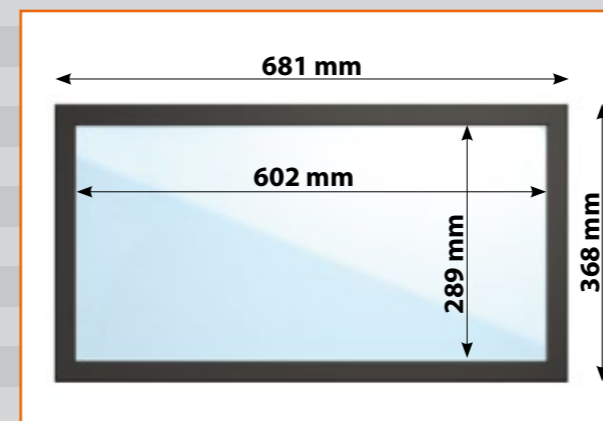
A Paint layer: RAL 7016, 9002 and 9006 (outside)
 B Zinc coating: 275 g/m²
 C Steel sheet: 0,5 mm
 D Zinc coating: 275 g/m²
 E Primer coating
 F PU high density foam: g=40 kg/m³, CFK and H-CFK -free
 G Paint layer: RAL 9002 (inside)



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. By offering optimum insulation performance coupled with a U value of 0.25 W/m²K, 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.

Windows



The ISO 80 door can be fitted with windows provided with straight corners for increased natural light and the elegant Microline profiling provides, also with a single door, an attractive set.

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.



The complete package from a single source

Our production is controlled and in full accordance with strict European laws and norms. We guarantee the highest quality as we only accept components from trusted and preferred suppliers worldwide. In addition and to offer the complete assortment we have forged strategic partnerships with other like-minded producers of Industrial Doors. Uniquely and from a single source Alpha guarantees the complete package with the highest quality.

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