Smart seals to prevent air flow and reduce noise

Record THERMCORD3

Thermally separated sliding door - excellent energy saving & weather resistant properties

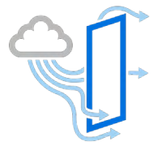
The only product in the world with a complete thermally separated profile from the fascia to the floor rail, the Record THERMCORD3 creates a thermal barrier to prevent airflow & draughts reducing energy bills & air-conditioning costs.

Applications

Suitable for areas with energy saving requirements such as storefronts, care homes, hospitals, schools, colleges, universities, offices, public buildings, restaurants and leisure facilities.

Key benefits

- Effective thermal insulation barrier from top to bottom
- Smart Seals System prevents airflow/ draughts to reduce energy costs
- Protects from hurricane force winds and driving rain
- Extraordinary noise reduction up to 35dB
- Exceptional thermal-efficiency (1.1 W/m2K)
- Integrates perfectly into your facade - no architectural compromises
- Bespoke design options to meet aesthetic requirements
- On-floor rail available for minimal intrusion in the construction process



Air Permeability

Outstanding air permeability to eliminate draughts to provide a constant temperature inside, helping reduce heating and air-conditioning costs.

Impermeable to driving rain

Certified watertightness to driving rain even at high pressures. Intelligent sealing system protects your entrance area against water damage.

Resistant to wind load

Re-enforced V-shaped profiles ensure the door movement is largely unaffected by high wind loads, suction or pressure offering protection even in hurricane-force winds.

Extraordinary noise reduction

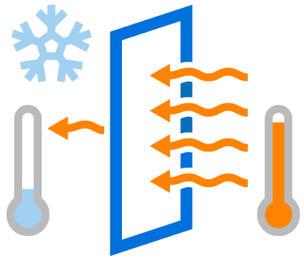
Elastic foam in the vertical profile and additional brushes in the intelligent sealing system provide an excellent sound insulation value up to 35dB.

Key features

- Outstanding thermal insulating properties
- Also available with RC2 burglar resistance
- Complete thermal separation from profile to floor rail combined with triple glazing
- Door leaves offer enormous rigidity with their structure-reinforcing double V-shape
- Minimalist appearance creating the impression of a standard sliding door
- Intelligent and modular design for a compliant building closure

Product properties tested and certified (ift Rosenheim)

Watertightness	E 600	Outstanding protection even in driving rain
Air permeability	PPD (3/3/600)	Air tight when closed
Sound insulation	RW = 35 dB	Effective noise reduction creates a pleasant indoor climate
Resistance to wind load	1270 Pa	Stay dry even in hurricane-force winds up to 150 km/h
Heat transfer coefficient	UD = 1.1 W/m2K	Achieves full energy efficiency according to EnEV 2016
Building closure	State of the art	Complete seal from the outside preventing moisture and water causing structural damage

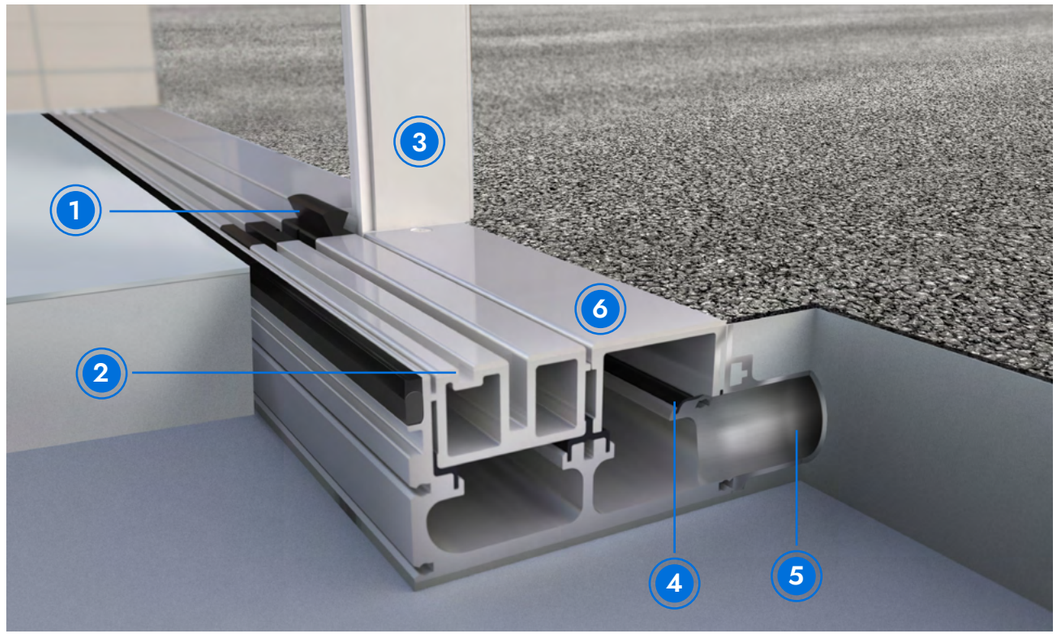


Smart seal system

Prevent the transfer of heat to maintain an inside ambient tempereature, creating a more comfortable environment for guests.

Specifications	Double Door	Single Door
Drive Dimensions (without side piece)	157 x 150 mm / 167 x 200 mm	157 x 150 mm / 167 x 200 mm
Drive Dimensions (with side piece)	210 x 150 mm / 200 mm	210 x 150 mm / 200 mm
Width of passage (A)	800 – 3 000 mm	800 – 2 500 mm
Support beam length (F)	min. 2 A + 250 mm	min. 2 A + 125 mm
Total height (J)	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Door leaf weight	(Record STA 20) 2 x 120 kg	(Record STA 20) 1 x 150 kg
Door leaf weight DUO	(Record STA 20) 2 x 150 kg	(Record STA 20) 1 x 150 kg
Power Supply Voltage	100 – 240 V AC, 50 / 60 Hz	100 – 240 V AC, 50 / 60 Hz
Rated power	90 W	90 W
Consumption in standby mode	ca. 25 W	ca. 25 W
Ambient temperature	– 15° to + 50° C	– 15° to + 50° C
Standard compliance	EN 16005, DIN 18650, EN 16361	EN 16005, DIN 18650, EN 16361
Floor rail options	On top floor rail (V-type) Integr. infloor rail (U-type & wing profiles for protecting cutting edges) Integr. infloor rail (S-type) with drainage for water tightness	On top floor rail (V-type) Inter. infloor rail (U-type & wing profiles for protecting cutting edges) Integr. infloor rail (S-type) with drainage for water tightness

Technical Details



1 Brush

2 Guide rail

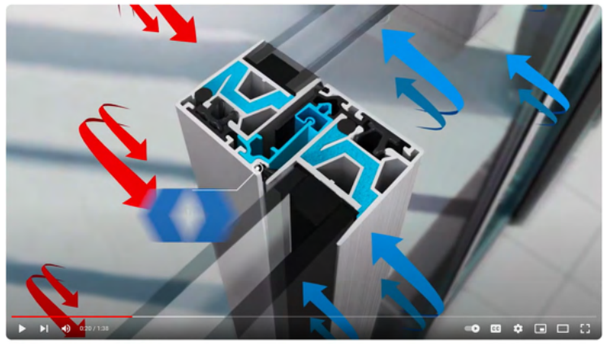
3 Vertical profile

4 Floor rail profile with thermal separation in longitudinal axis

5 Water drainage (DN40)

6 Load on the floor rail: 65kg/cm2

Watch our
THERMCORD 3 video



record THERMCORD3 Technic Video

For more information

Speak to our sales team