



record THERMCORD³ uncompromising in terms of design when it comes to the integration of the door system, drive components, safety sensor technology and options such as digital control units, various locking mechanisms, batteries for emergency operation and many other features. In addition, apart from the extraordinarily quiet running action, record THERMCORD³ offers an aesthetic, comfortable and tightly sealing room closure and is also suited for particularly heavy applications up to 2 x 200 kg – also available for escape and rescue route applications. Also available as variant telescope*.

Specifications

Basic data		Double sliding door	Single leaf sliding door
Opening width	(A) ¹⁾	800 – 3 000 mm	800 – 2 500 mm
Opening width Telescope	(A) ¹⁾	1 500 – 4 000 mm	1 000 – 3 000 mm
Passage height	(G) ¹⁾	Maximum 3 000 mm	Maximum 3 000 mm
Overall height	J	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Beam length	(F)	Minimum 2A + 250 mm	Minimum 2A + 125 mm
Beam length Telescope	(F)	1.5 x A + 250 mm	1.5 x A + 125 mm
Drive dimensions			
Without side parts	(D x H)	157 x 150 mm / 167 x 200 mm	157 x 150 mm / 167 x 200 mm
With side part	(D x H)	210 x 150 mm / 200 mm	210 x 150 mm / 200 mm
Maximum weight of door leaves			
Drive	record STA 20 record STA 20 RED / DUO	2 x 120 kg 2 x 150 kg	1 x 150 kg 1 x 150 kg
Drive	record STA 20-200 RED / DUO record STA 22 RED / DUO	2 x 150 kg 2 x 200 kg	1 x 200 kg 1 x 250 kg
Telescope		Maximum 4 x 80 kg	Maximum 2 x 130 kg
Telescope		Maximum 4 x 130 kg	Maximum 2 x 170 kg

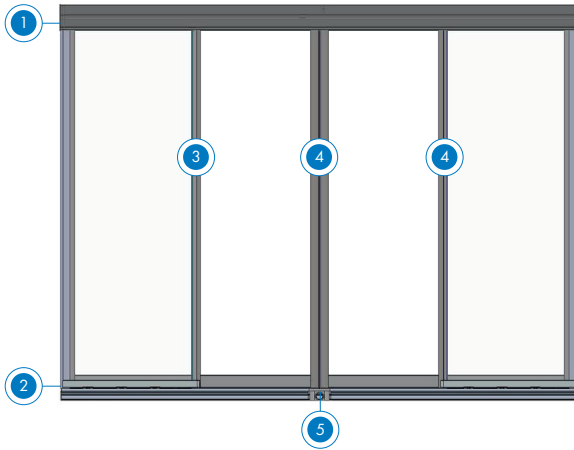
¹⁾ maximum values depend on glass type

*The telescopic variant is listed in a separate line for different values

Electrical connection data

Drive connection data	
Rated voltage	100 – 240 VAC, 50 / 60 Hz
Rated power	90W
Consumption in idle mode	Approx. 25W

Revolutionary door system with completely thermally separated building connection profile



- 1 Panel profile, thermally separated
- 2 Floor rail, thermally separated
- 3 Door leaf and vertical profile, thermally separated
- 4 Smart sealing system for primary and secondary closing edges
- 5 Floor rail with drainage – closure consistent with building





Environmental conditions

Basic data	
Temperature range	- 15 ° to +50 °C
Humidity range	up to 85% rel. humidity, no condensation

Certifications

Suitable for escape and rescue route applications up to 2 x 200kg.

Conformity to standards	
EN 16005, DIN 18650, EN 16361	

Air permeability	Impermeable to driving rain	Resistance to wind load	Direct airborne sound reduction index	Heat transmission coefficient U-Value
 Class PPD (3.3/2.7/600)	 Class E600	 Class PPD (600)A Class PPD (600)B Class PPD2 C	 $R_w (C; C_{tr}) = 35 (-1; -3) \text{ dB}$	1.1 W/m ² K

Options

Accessories

- Electronic dual- (VRR) or multipoint locking (MPV) for protection against unauthorised intrusion
- Protective door leaf (rotating or sliding) made of toughened safety glass to secure the secondary closing edge
- Also available as telescope sliding door
- ...and further options from the record system 20 range

Product Documentation

All CAD drawings are available on the webpage.

U-value calculator



record AR app

