

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. As well available as variant telescope*.

Specifications

Basic data		Double sliding door	Single leaf sliding door
Opening width	(A) ¹⁾	800 – 3000mm	800 – 2500mm
Opening width Telescope	(A) ¹⁾	1 500 – 4000mm	1 000 – 3 000mm
Passage height	(G) ¹⁾	Maximum 3000mm	Maximum 3000mm
Overall height	J	G + 150 mm or 200mm	G + 150 mm or 200mm
Beam length	(F)	Minimum 2A+250mm	Minimum 2A+125mm
Beam length Telescope	(F)	1.5 x A +250mm	1.5 x A +125mm
Drive dimensions			
Without side parts	(D x H)	157 x 150mm / 167 x 200mm	157 x 150mm / 167 x 200mm
With side part	(D x H)	210 x 150mm / 200mm	210 x 150mm / 200mm
Maximum weight of door leaves			
Drive	record STA 20 record STA 20 RED / DUO	2 x 120kg 2 x 150kg	1 x 150kg 1 x 150kg
Drive	record STA 20-200 RED / DUO record STA 22 RED / DUO	2 x 150kg 2 x 200kg	1 x 200kg 1 x 250kg
Telescope		Maximum 4 x 80kg	Maximum 2 x 130kg
Telescope		Maximum 4 x 130kg	Maximum 2 x 170kg

¹⁾ maximum values depend on glass type

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

record THERMCORD³

record THERMCORD³ variations

Door leaf weights for escape route doors

Escape route		Double sliding door	Double Telescope	Single leaf sliding door	Single leaf Telescope
RED DIN 18650	150mm	2 x 150kg	4 x 90kg	1 x 150kg	2 x 130kg
	200mm	2 x 150kg	4 x 90kg	1 x 200kg	2 x 130kg
	200mm (Heavy)	2 x 200kg	4 x 130kg	1 x 250kg	2 x 170kg
CO48	150mm	2 x 90kg	4 x 35kg	1 x 150kg	2 x 75kg
	200mm	2 x 120kg	4 x 80kg	1 x 200kg	2 x 130kg

	Double	Single	Telescope		Drive		Installation		Side screen	Cladding	Floor rail	Protection wing	
			Single	Double	150	200	self-supporting installation	wall mounting				Slide	Swing
THERMCORD ³ Top	●	●	●	●	●	●	●	●	with/without	●	● *1	●	●
THERMCORD ³ Comfort	●	●			●			●	without		● *2	●	●
THERMCORD ³ finished floors	●	●			●	●	●	●	with/without	●	● *3	●	●
THERMCORD ³ Facade	●	●	(●)	(●)	●	●	●		integrated	●	● *1	●	●

*1: Type S: with drainage, height 77 mm

Type T: without drainage, height 44 mm

*2: Type U: without cladding, height 30 mm

*3: Type U: for finished floors, height 30 mm

coming soon: Currently field testing

Electrical connection data

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

Environmental conditions

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

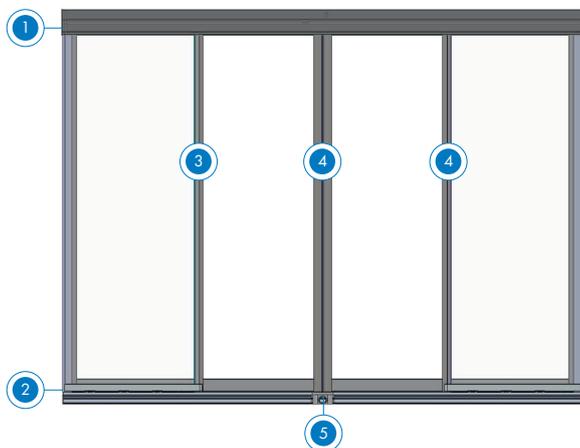
Certifications

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

Conformity to standards
EN 16005, DIN 18650, EN 16361

record THERMCORD³

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

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

