



## Effective burglary resistance with efficient energy-saving properties

Protecting values with record THERMCORD RC 2, a thermally separated energy-saving door, designed as a burglar-resistant security door according to security class RC 2. The special design of both the vertical profiles and the door leaves is particularly suited for burglary protection. record THERMCORD RC 2 is thus perfectly suited as an outer door to protect you against cold or heat losses and at the same time ward off burglary attempts. It is the ideal entrance door for your retail store, hotel or office building. What you get is an effective burglary resistance combined with efficient, energy-saving properties, which will reduce your energy costs.

## Technical data

Basic data		Double sliding door	Single leaf sliding door
Opening width	(A) <sup>1)</sup>	800 – 3000 mm	800 – 2500 mm
Passage height	(G) <sup>1)</sup>	Maximum 3000 mm	Maximum 3000 mm
Overall height	J	G + 150 mm or 200 mm	G + 150 mm or 200 mm
Beam length	(F)	2A + 250 mm (Minimum 1950 mm)	2A + 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 20-200RED / DUO record STA 22 RED / DUO	2 x 150 kg 2 x 200 kg	1 x 200 kg 1 x 250 kg

<sup>1)</sup>Maximum values depend on glass type





## Electrical connection data

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

## Environmental conditions

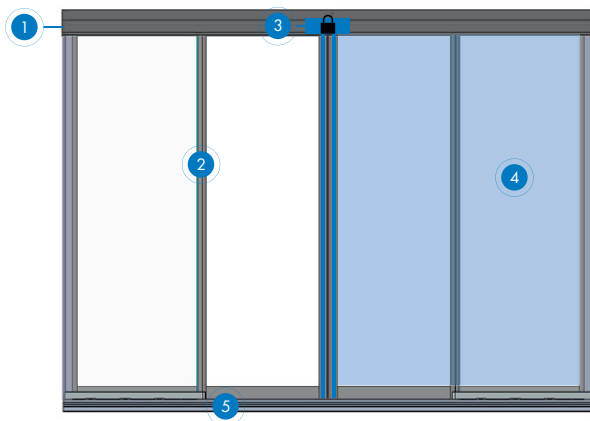
Basic data	
Temperature range	- 15 ° to +50 °C
Humidity range	up to 85% rel. humidity, no condensation

## General technical features

Motorisation and drive				
Motor power rating	up to 200 W			
Gearbox	Worm gear			
Drive	Toothed belt			
Air permeability	Impermeable to driving rain	Resistance to wind load	Heat transmission coefficient U-Value	RC 2
 Class PPD (3.3/2.7/600)	 Class E600	 Class PPD (600)A Class PPD (600)B Class PPD2 C	1.1 W/m <sup>2</sup> K	 RC 2 / RC 2 N

## Certification

Conformity to standards	
Product features + RC 2 certified	
EN 16 005, DIN 18 650, EN 16 361, EN 1627	
Maximum speed	0.75 m / s



- 1 Panel profile, thermally separated
- 2 Reinforced door leaves and vertical profile, for increased safety
- 3 Standard electronic multi-point locking mechanism (MPV) for convenient locking at the touch of a button
- 4 Innovative sealing system for increased airtightness
- 5 CNS floor rail with continuous vane

record THERMCORD RC 2 is not only equipped with sophisticated reinforcements as standard, but also comes with a multi-point locking mechanism MPV. Locking is accomplished by an electromechanical locking unit with a solidly designed transmission gear, which is mounted in the drive housing to protect it against manipulation. In addition, two longitudinal rods running through the door, which are completely integrated into the door leaf, are lowered several centimetres deep into the floor rail in the holes provided. The parts used are all made of stainless steel and have the necessary mechanical strength to prevent forcible penetration to the greatest possible extent.

U-value calculator



record AR app

