

# THERMCORD RC 2 & RC 3



## Effective burglar resistance with efficient energy saving properties – from record

Whatever it takes: record, the world of automatic doors: Secure and effective RC 2 and RC 3 burglar resistance for increased security requirements.

50 % of all burglary attempts fail and are abandoned after only three to five minutes if doors are equipped with burglar-resistant and reinforced elements. At record we offer various systems with resistance classes such as RC 2 or RC 3 tested and certified according to EN 1627, which are also suitable for escape and rescue routes.









Protect your valuables with record THERMCORD, a thermally separated energy-saving door designed to be a burglar-resistant security door according to resistance class RC 2 or RC 3. Special constructive measures, stiffeners and reinforced elements integrated in the door system provide effective protection against intruders.

record THERMCORD RC 2 and RC 3 is therefore perfectly suited as an exterior door to protect you from cold or heat loss as well as to ward off burglary attempts. It is the ideal entrance door for your shop, hotel or office building. You get effective burglar resistance in combination with efficient energy-saving properties that reduce your energy costs.

## Technical data

Resistance class		RC 2	RC 3
		Double leaf sliding door	Single leaf sliding door
Opening width	(A) <sup>1)</sup>	800 – 3 000 mm	800 – 2 500 mm
Passage height	(G) <sup>1)</sup>	Maximum 3 000 mm	Maximum 3 000 mm
Beam length	(F)	2 A + 250 mm (min. 1 950 mm)	2 A + 125 mm

<sup>1)</sup>Max. door leaf size depending on glass type and wind load

Drive dimensions			
with cladding (and side screen)	(D x H) 210 x 150 mm		not available
with cladding (without side screen)	(D x H) 210 x 150 mm		not available
without cladding (without side screen)	(D x H) 157 x 150 mm		not available
with cladding (and side screen)	(D x H) 210 x 200 mm		210 x 200 mm 
without cladding (without side screen)	(D x H) 167 x 200 mm		not available
with cladding (without side screen)	(D X H) 210 x 200 mm		210 x 200 mm 

# THERMCORD RC 2 & RC 3

Maximum weight of door leaves			Double sliding door	Single leaf sliding door
Drive	record STA 20		2 x 120 kg	1 x 150 kg
	record STA 20	RED / DUO	2 x 150 kg	1 x 150 kg
Drive	record STA 20-200	RED / DUO	2 x 150 kg	1 x 200 kg
	record STA 22	RED / DUO	2 x 200 kg	1 x 250 kg

Door leaf weights for escape route doors		Double sliding door	Single leaf sliding door
EN 18650 AutSchR	150 mm	2 x 150 kg	1 x 150 kg
	200 mm	2 x 150 kg	1 x 200 kg
	200 mm (Heavy)	2 x 200 kg	1 x 250 kg
CO48	150 mm	2 x 90 kg	1 x 150 kg
	200 mm	2 x 120 kg	1 x 200 kg

Drive connection data	
Rated 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° bis +50°C
Humidity range	up to 85% rel. humidity, no condensation

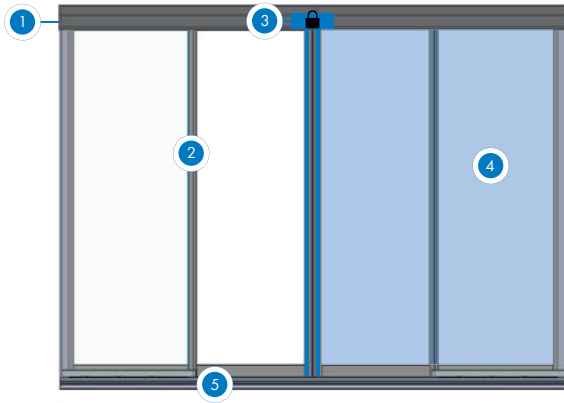
## General technical features

Motorisierung und Antrieb	
Motor power	up to 200 W
Gearbox	worm gearbox
Drive	gear belt

## Certifications

Conformity to standards	
RC 2 and RC 3 according to EN 1627 for increased safety	
EN 16 005, DIN 18 650, EN 1627	
Maximum speed	0.75 m / s

# THERMCORD RC 2 & RC 3



- 1 Panel profile, thermally separated
- 2 Reinforced door leaves and vertical profile for increased security
- 3 Electronic multi-point locking (MPV) as standard for convenient locking at the touch of a button
- 4 Burglar-resistant safety glass of class P5A according to EN 356
- 5 CNS floor rail with continuous centreboard

record THERMCORD RC 2 / RC 3 is equipped with a multi-point locking system MPV as standard in addition to the sophisticated reinforcements. An electromechanical locking unit with an improved transmission gear, is located in the drive housing to protect against manipulation. Furthermore, two rods running longitudinally through the door, which are completely integrated into the door leaf, are lowered several centimetres deep into the holes provided in the floor rail. The parts used are all made of stainless steel and have the necessary strength to prevent forced entry as far as possible.