

record 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

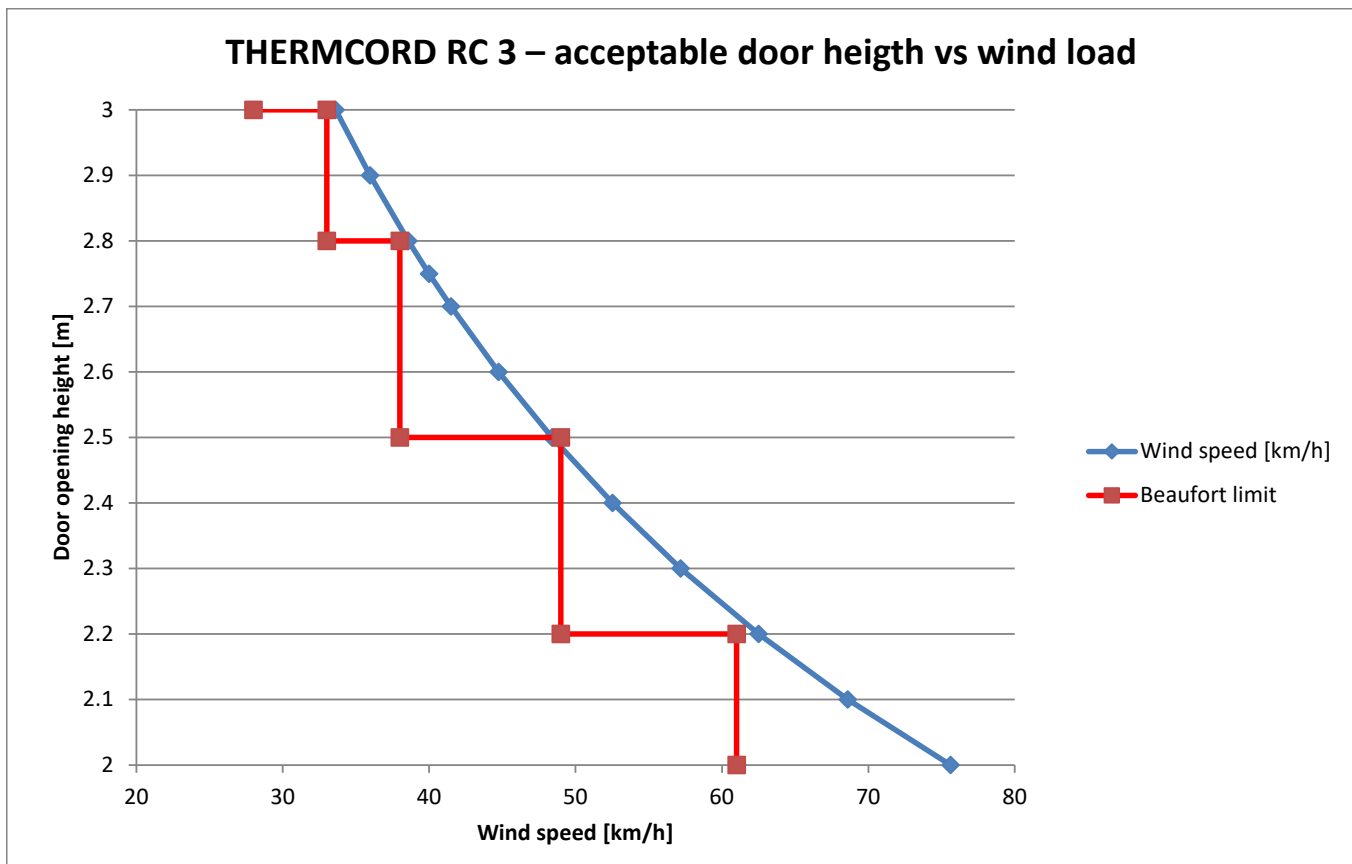
Resistance class		RC 2		RC 3	
		Double leaf sliding door		Single leaf sliding door	
Opening width	(A) ¹⁾	800 – 3 000 mm		800 – 2 500 mm	
Passage height	(G) ¹⁾	Maximum 3 000 mm		Maximum 3 000 mm	
Beam length	(F)	2 A + 250 mm (min. 1 950 mm)		2 A + 125 mm	
		2 A + 250 mm (min. 1 950 mm)		2 A + 250 mm (min. 1 950 mm)	
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		167 x 200 mm*	
with cladding (without side screen)	(D x H)	210 x 200 mm		210 x 200 mm*	

*Suitable for escape and rescue routes, but please note the reduced wind load limit. See graphic on following page

record THERMCORD RC 2 & RC 3



THERMCORD RC 3 without side screen
Wind load limit for escape and rescue routes



Maximum weight of door leaves				
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

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

Environmental conditions

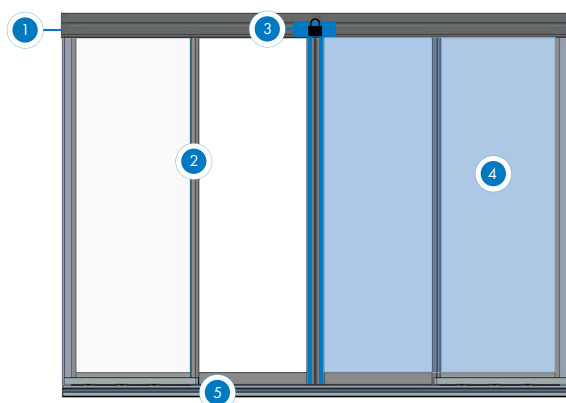
Basic data	
Temperature range	- 15° bis + 50°C
Humidity range	up to 85% rel. humidity, no condensation

General technical features

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

Certifications

Conformity to standards	
RC2 and RC3 according to EN 1627 for increased safety	
EN 16 005, DIN 18 650, EN 1627	
Maximum speed	0.75 m / s



- 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.