



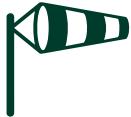
HIGH
SPEED
DOORS



DynamicRoll®
B-DRIVE

PUSH & PULL

TECHNICAL DATA



WIND RESISTANCE
CLASS 5



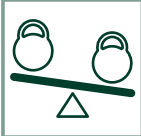
WATCH THE VIDEO!



SELF-REPAIR



SAFE



**COUNTERWEIGHT
BALANCING SYSTEM**



**DRIVE SYSTEM AND
CURTAIN COLLECTION**



WATCH THE VIDEO!



HIGH SPEED

B-DRIVE® is our brand new range of windproof doors suitable also for outdoor applications for large openings. The self-repairing doors of the B-Drive series guarantee wind resistance up to class 5, the ability to close large openings at speed thanks to the traction of a system of gears, driven by a motor, that drive the curtain.

The B-Drive® is equipped with a **new and damage resistant zip**. The patented curtain with its new and damage resistant zip allows a reduction of jams in case of a collision, the redirection operation post-collision, and the self-repairability at the exact point of impact.



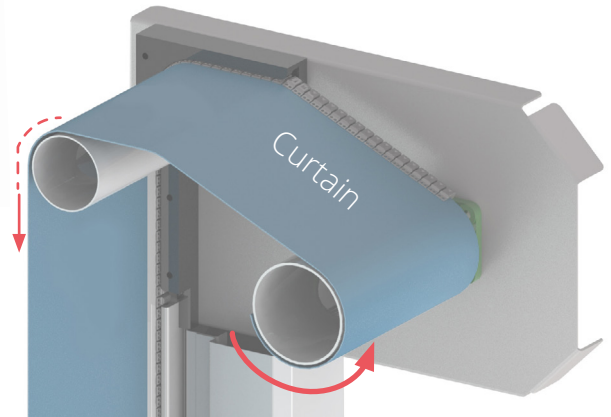
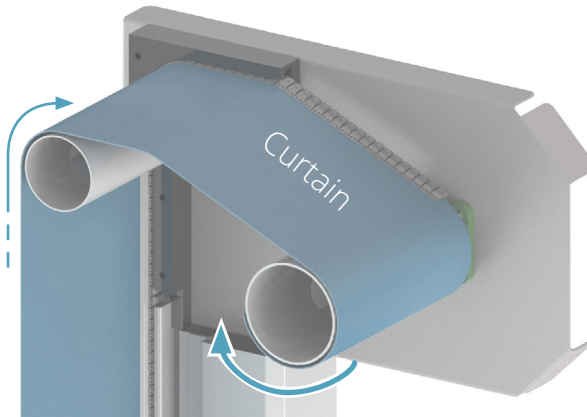
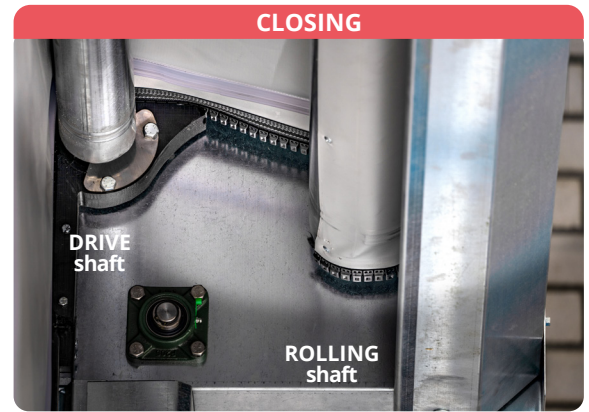
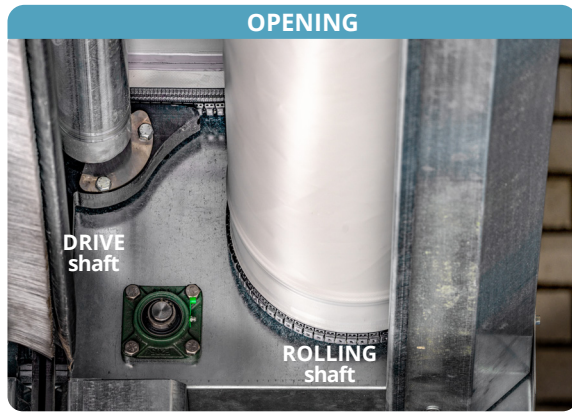
MAX OPENING DIMENSIONS*	W 10.000 mm x H 6000 mm
SPEED	Up to 3 m/s
WIND LOAD** <i>differential pressure</i>	< 5.000 mm: class 5 from 5.100 mm to 6.500 mm: class 4 from 6.500 mm to 8.000 mm: class 3 over 8.000 mm: class 2
DOOR OPERATION WITH WIND LOAD	Up to 100 km/h
FRAME	• Galvanised steel • Stainless Steel • Power coated
CURTAIN TYPE	• 1.300 g/m² 12x12 • 1.700 g/m² insulated • Antistatic
WINDOWS	Anti UV Transparent PVC 1 mm thickness
VERTICAL GUIDES MATERIAL	Frame in Galvanised steel with sliding guides in polyzene 1.000.000 cycles
MOTOR	Direct drive with worm gearboxes
SAFETY	Infrared light curtain H 2500 (CE EN 13241)
POWER SUPPLY	3 phase 230 - 380 - 500 V - 50/60 Hz
SELF-REPAIR	Instantaneous at the point of release of the curtain
WORKING TEMPERATURE	-30° +70° C ***
SOUND INSULATION <i>standard</i>	18 db****
WATER RESISTANCE	Class 3 (rif. EN 12425)
AIR PERMEABILITY	Class 1
THERMAL TRANSMISSION	Standard 5.8 W m²k
	Insulated 3.2 W m²k

*different sizes on demand

**higher resistance wind load on demand

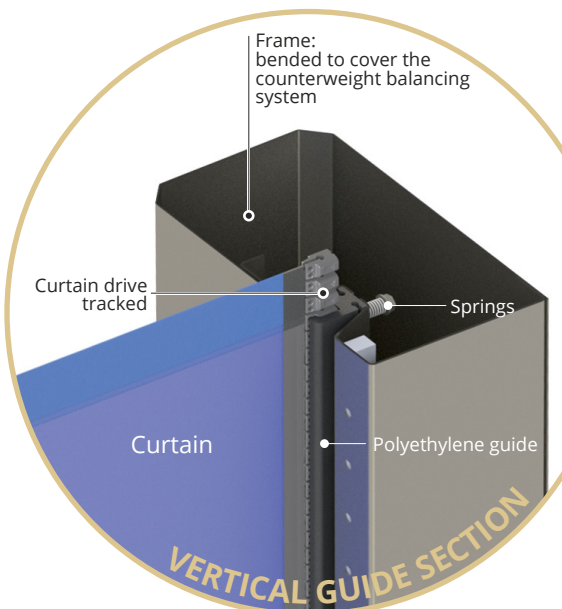
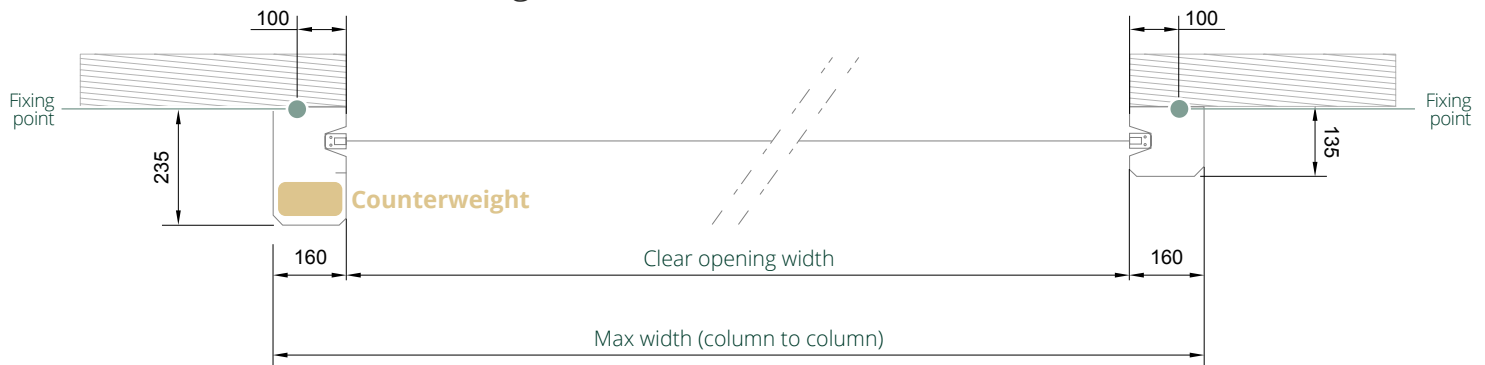
***by heating cable

****depends by frequency



ANTIDROP/OPENING SYSTEM

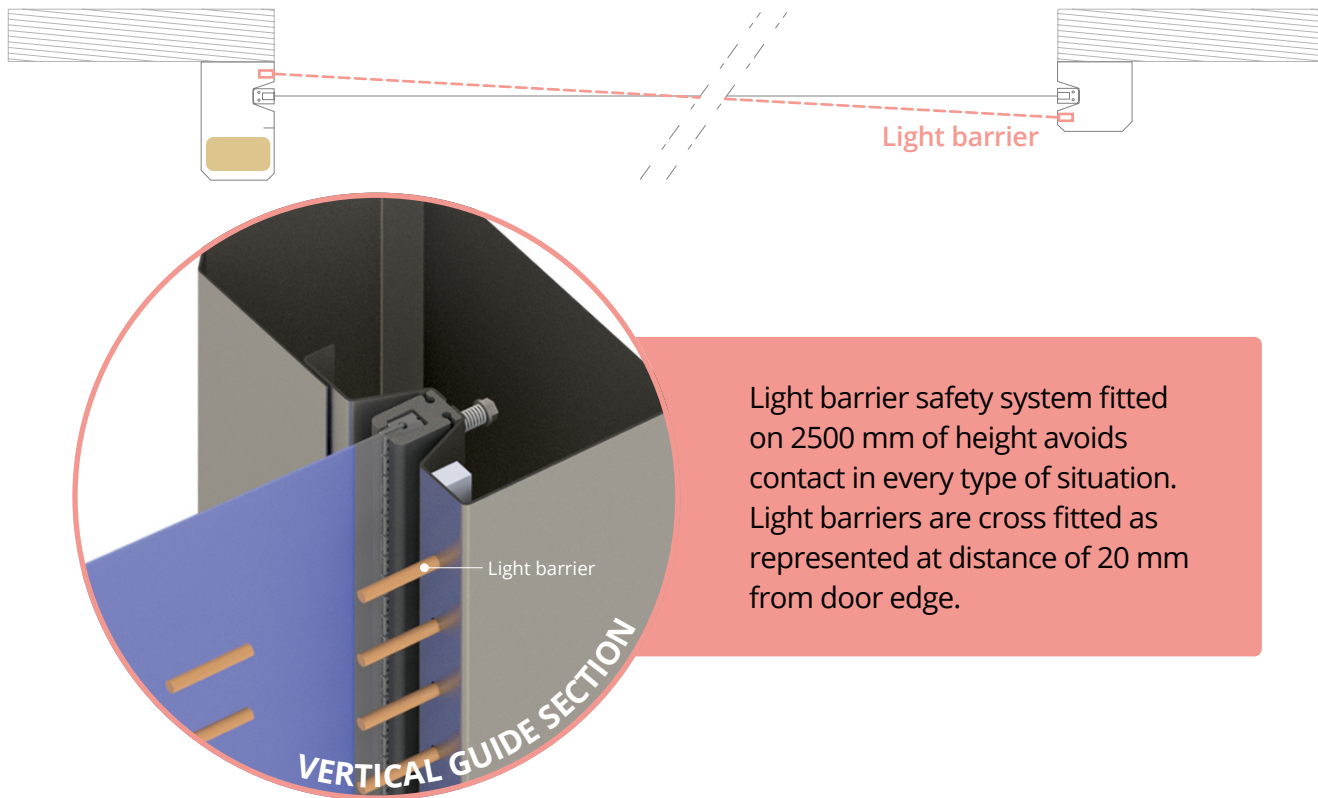
counterweight EN 13241/CE



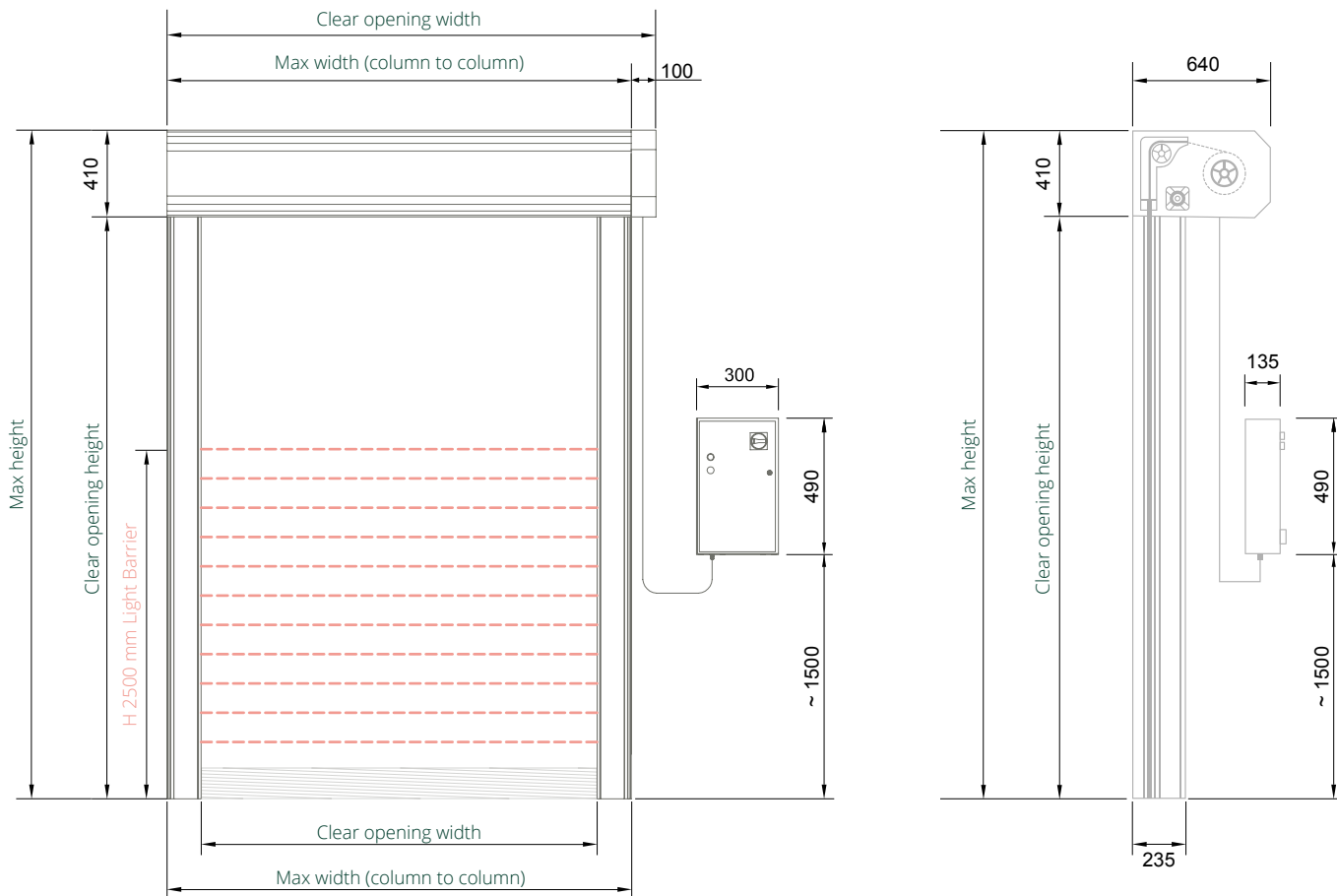
The rolling shaft is connected to a counterweight balancing system which rolls the curtain and keeps its position in case of mechanical failure of any drive elements.

ANTICRUSHING SAFETY SYSTEM

EN 13421



OVERALL DIMENSIONS



PVC CHARACTERISTICS

STANDARD PVC

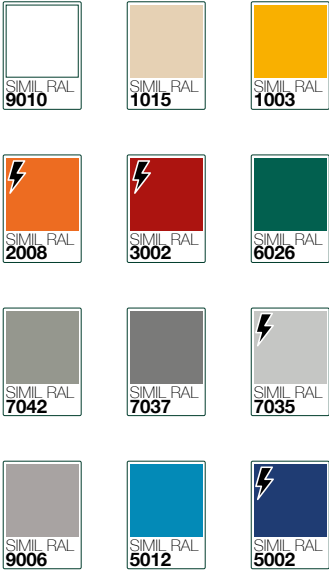
Composition and tests

EXTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Opaque	12 standard	0,7 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	900 g/m²
INTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Rough	12 standard	0,2 mm
COLD RESISTANCE ISO 4675/90 -50°C ±5			
HYDROLYSIS TEST 75°C 95% humidity none variation			
GAS OIL TEST ISO 1421 none variation			
MARINE WATER TEST (ISO 1421) none variation			
OZONE TEST ISO 3011 none crack			
T. STORAGE (°C) -30 +65			
FLAME TEST (ISO 3795) < 100 mm/min			
PERFORATION RINA 3.A1.2.7 (N) > 100			
EXERCISE 7 days -70°C ISO 6065 none variation			

Characteristics

THICK ISO 2286/3 (mm) 0,9±0,1
WEIGHT ISO 2286/2 (kg/m²) 0,90±0,1
LOAD BREAK ISO 1421 6000 N/50mm
WARP EXTENSION ISO 1421 4300 N/50mm
TEXTURE EXTENSION ISO 1421 4000 N/50mm
WARP BREAK dIN 53 363 (N) > 600
TEXTURE BREAK dIN 53 363 (N) > 530
ADHESION dIN EN ISO 2411 130 N/50mm
EEC CONFORMITY Yes
SPECIFIC USE industry, refrigerators, car washes, supermarkets, warehouses
ASSOCIATION -

Colors



⚡ Antistatic available

INSULATED PVC

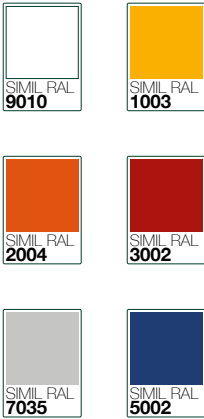
Composition and tests

EXTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Straight	4 standard	0,5 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	1350 g/m²
INTERNAL SIDE			
Material	Finishing	Color	Thick
PVC	Sponge	4 standard	7 mm
COLD RESISTANCE ISO 4675/90 -10°C ±5			
HYDROLYSIS TEST 75°C 95% humidity none variation			
GAS OIL TEST ISO 1421 none variation			
MARINE WATER TEST (ISO 1421) none variation			
OZONE TEST ISO 3011 none crack			
T. STORAGE (°C) -30 +65			
FLAME TEST ISO 3795 cl 2, NFPA 701 test 2			
PERFORATION RINA 3.A1.2.7 (N) > 100			
EXERCISE 7 days -70°C ISO 6065 none variation			

Characteristics

THICK ISO 2286/3 (mm) 7,0±0,1
WEIGHT ISO 2286/2 (kg/m²) 1,7±0,1
LOAD BREAK ISO 1421 6000 N/50mm
WARP EXTENSION ISO 1421/V1 3000 N/50mm
TEXTURE EXTENSION ISO 1421/V1 2800 N/50mm
WARP BREAK dIN 53 363 300 N
TEXTURE BREAK dIN 53 363 300 N
ADHESION PA 09.03 (internal) 15 N/cm
THERMAL CONDUCTIVITY 0,03782 W.m ⁻¹
ISOLATION INDEX Rw= 17,5 dB
EMPLOYMENT industry, refrigerators, car washes, supermarkets, warehouses
ASSOCIATION -

Colors



CRISTAL CHARACTERISTICS

PVC SUPERCLEAR

WINDOWS - CRISTAL TECHNICAL DATA

Article	SUPERCLEAR 1.2 mm FR
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Technical Specifications	Standards	Unit	Values
Thickness	-	mm.	1.2
PVC total weight	-	g/m ²	1200
Ligth transmission	JIS K - 7361	%	97.3
Tensile strength <i>Lenghtwise MD</i>	JIS K - 6732	N	26.1
Tensile strength <i>Crosswise TD</i>	JIS K - 6732	N	24.3
Tear strength <i>Lenghtwise MD</i>	JIS K - 6732	N	63.4
Tear strength <i>Crosswise TD</i>	JIS K - 6732	N	63.9
Elongation <i>Lenghtwise MD</i>	JIS K - 6732	%	377
Elongation <i>Crosswise TD</i>	JIS K - 6732	%	378
Cold crack resistance	JIS K - 6772	°C	-45

OPTIONAL ACCESSORIES

■ RADAR



OPENING POINT
RADAR TOF/SPOT
for internal use only



INFRARED RADAR
with cross-movement
adjustment



INFRARED RADAR
motion and presence
(pedestrian/forklift) radar

■ TRAFFIC LIGHTS



GREEN FIXED STANDARD
traffic light



RED FIXED STANDARD
traffic light



LED TRAFFIC LIGHT
with countdown



LED TRAFFIC LIGHT
BARRIERS
(connection card included)

■ BUTTONS



OPENING GREEN
BUTTON
with box



OPENING BLACK
BUTTON
with box



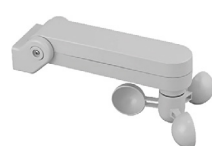
FREEZE STOP
BUTTON
with box



NO TOUCH
BUTTON



TRAFFIC LIGHT
BUTTON



WIND GAUGE



KEY
SELECTOR



REMOTE CONTROL



BOLLARD B-PROTECT



PULL CORD SWITCH



MAGNETIC LOOP DETECTOR

Quality products since 1997

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