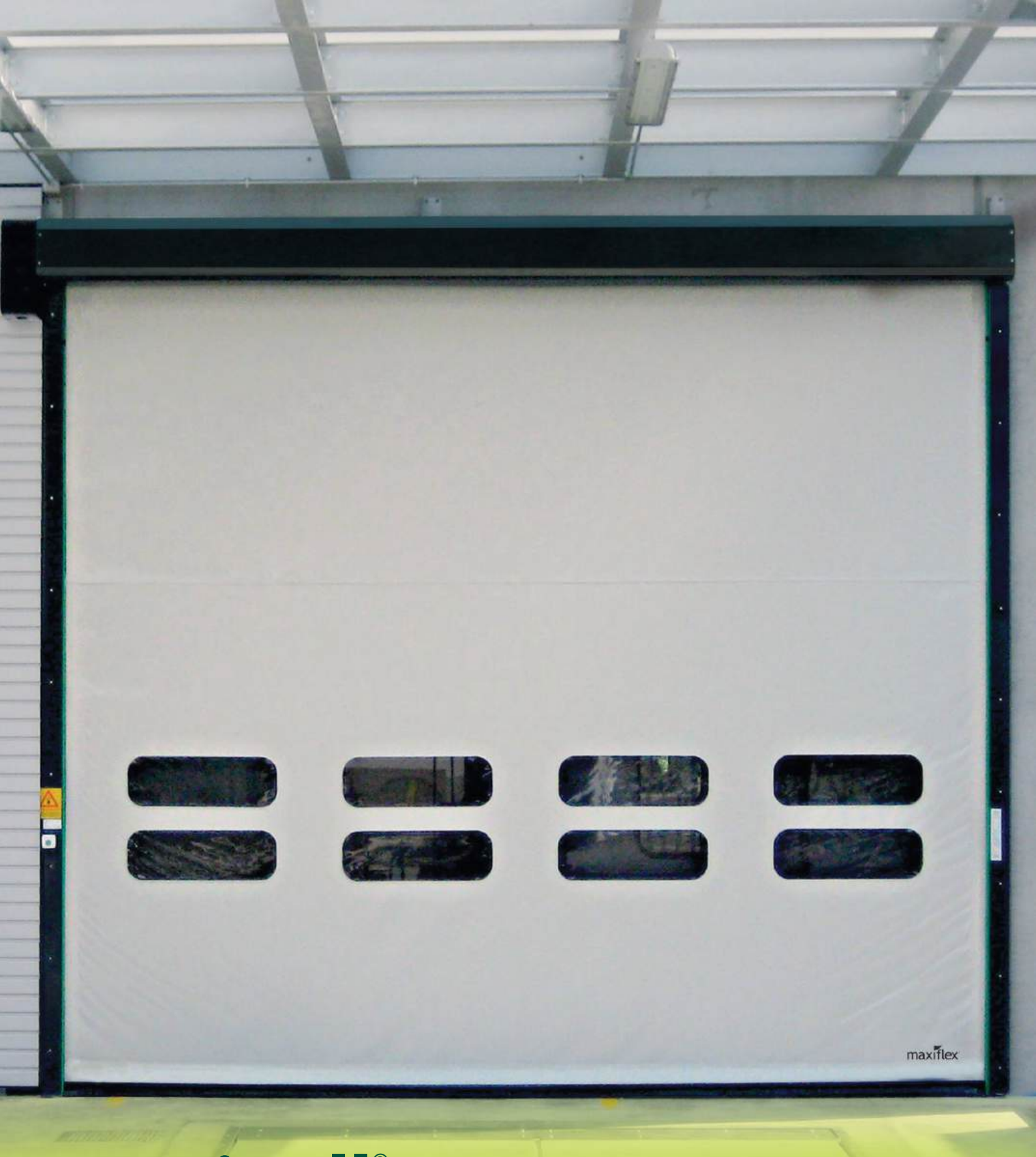


MaxiRoll®

maxiflex®

TECHNICAL DATA

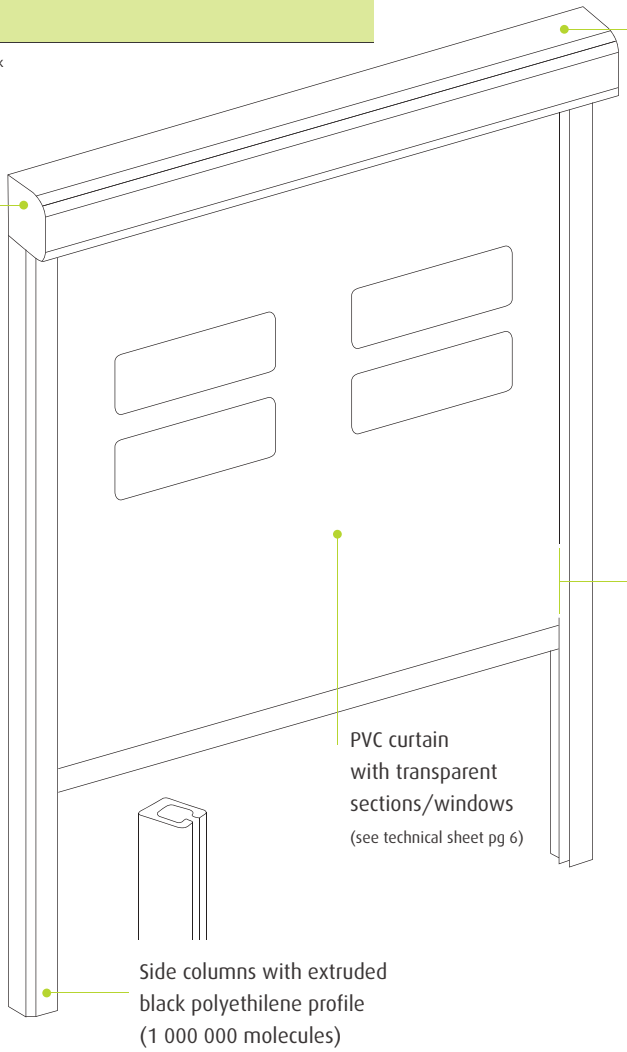
SELF-REPAIR | SAFE | HERMETIC | HIGH SPEED | GRAVITY TECHNOLOGY

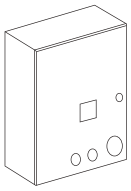
MAXIMUM DIMENSIONS	8000mm (W) x 8000mm (H)
FUNCTIONING	Automatic
CYCLES PER HOUR	> 200
CYCLES TEST	1 000 000
SPEED	Up to 2.5m/s
OPTIONAL SPEED	Up to 3m/s
WIND RESISTANCE* DIFFERENTIAL PRESSURE	Up to Class 4 EN 12424
WIND SPEED DURING DOOR OPENING	< 20m/s (60km/h)
SOUND PROOFING STANDARD	15 dB Rw (ISO 717)
WATER RESISTANCE	0.11 kPa for door closing. Class 3 - EN12426
OPERATING TEMPERATURE OPERATING ENVIRONMENT	-10°C to +70°C

*This door, according to the regulations 13241/CE, requires an half-yearly check

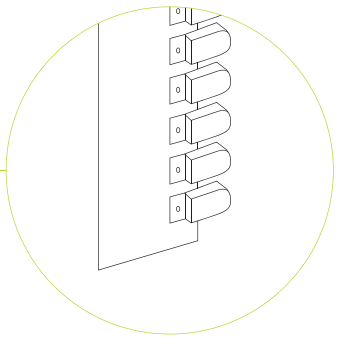
MaxiRoll® Self-Repairing High Speed Door

The Maxiflex MaxiRoll® is a versatile, self-repairing roll-up door designed for a wide range of applications, both indoors and outdoors. It ensures smooth traffic flow while maintaining the highest levels of safety and reliability.





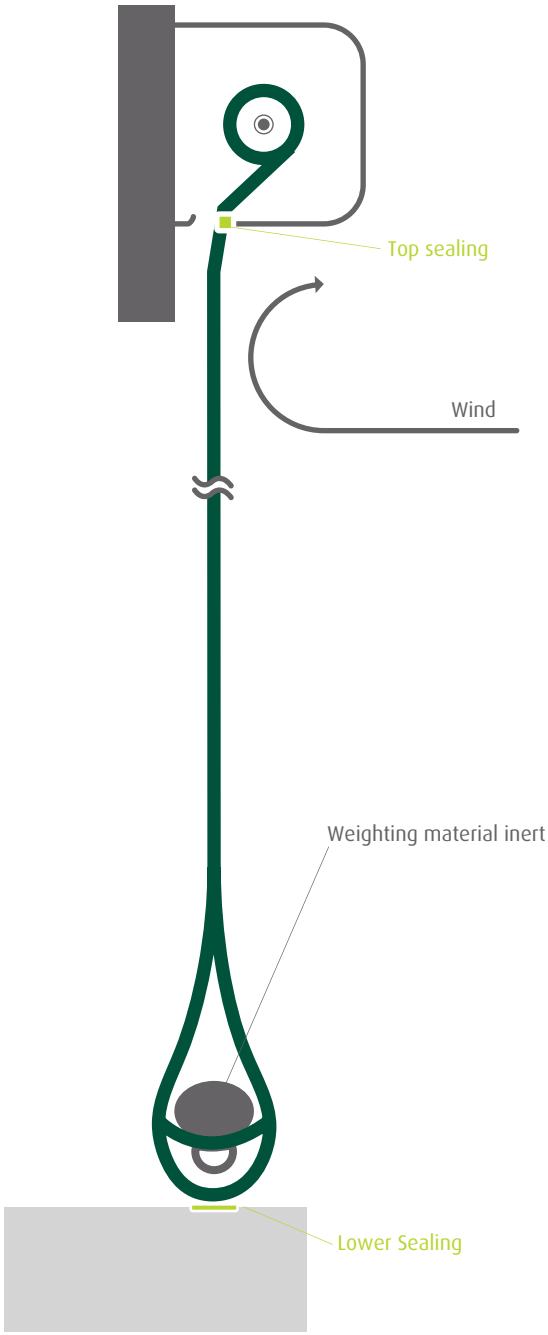
Inverter control box:
- Painted metal box Dim. 300x500x130
- Emergency stop button
- Switch ON-OFF
- Single phase inverter control card max power 2.2kW
- Three phases inverter control card max power 4kW
- Cables with connector M8/M12/IP65
- Status/Error display
- Automatic closing
- Position relay
- Interlock function
- Supplementary function (see instruction manual)



Self-lubricant guide with sealing gasket, no service is required

SEALING SYSTEM

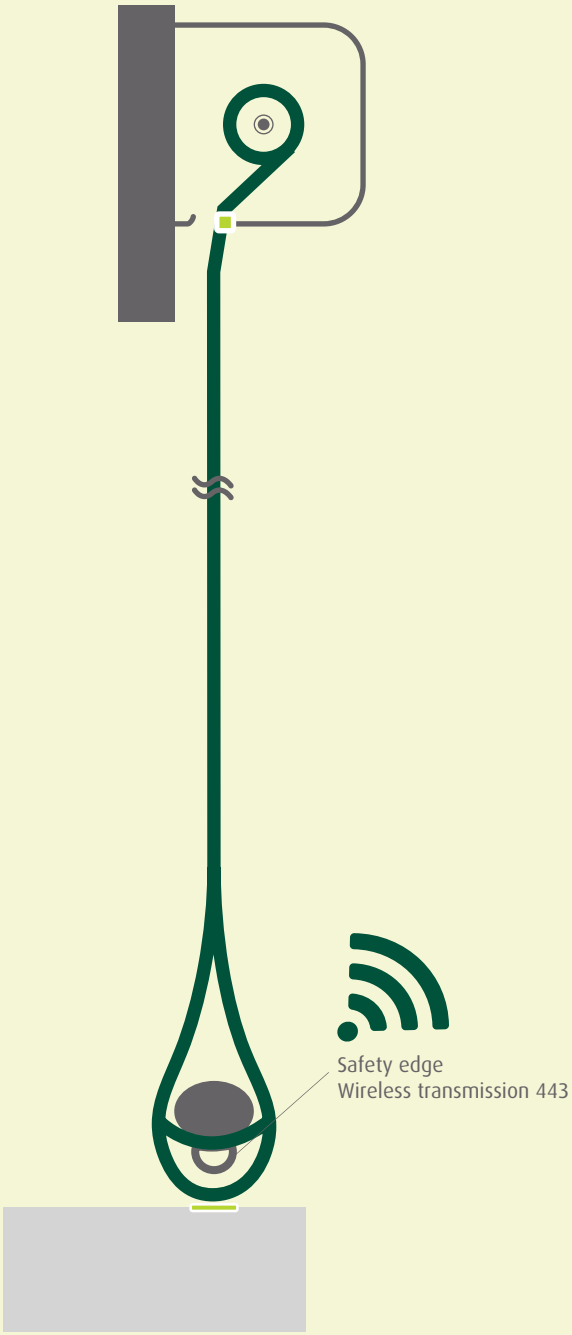
Side Section



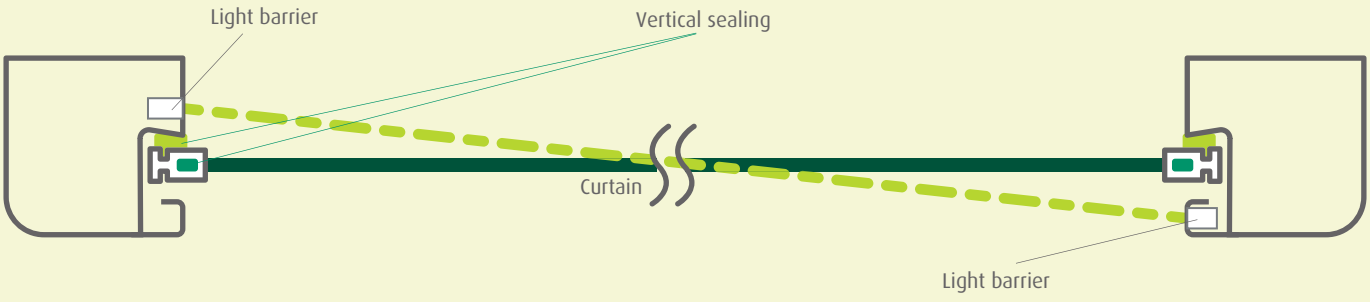
SAFE SYSTEM

Side Section

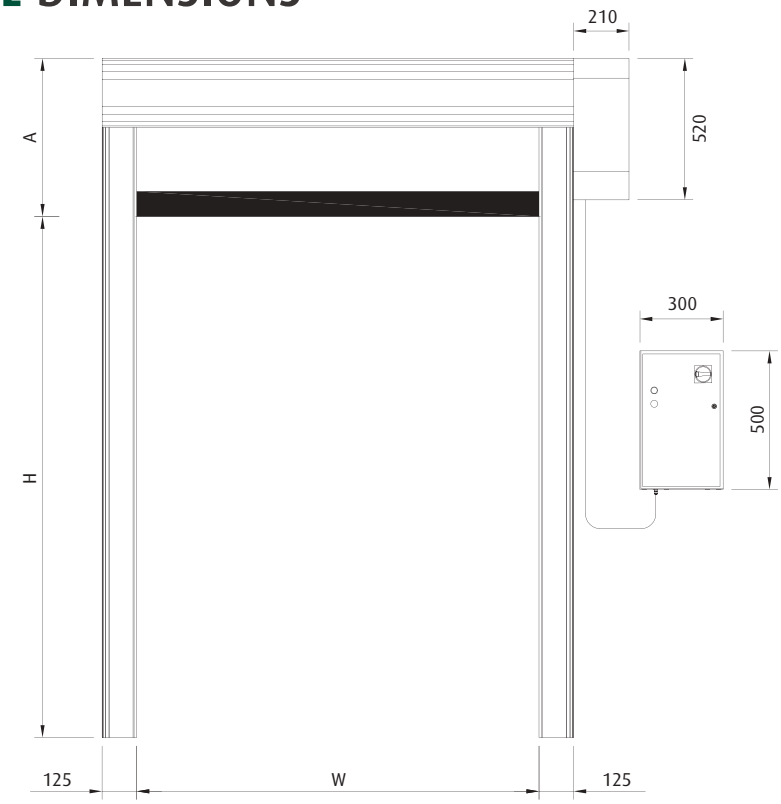
1. Wireless option



2. Light Barriers



OVERALL DIMENSIONS

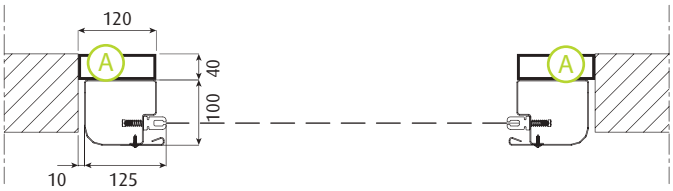


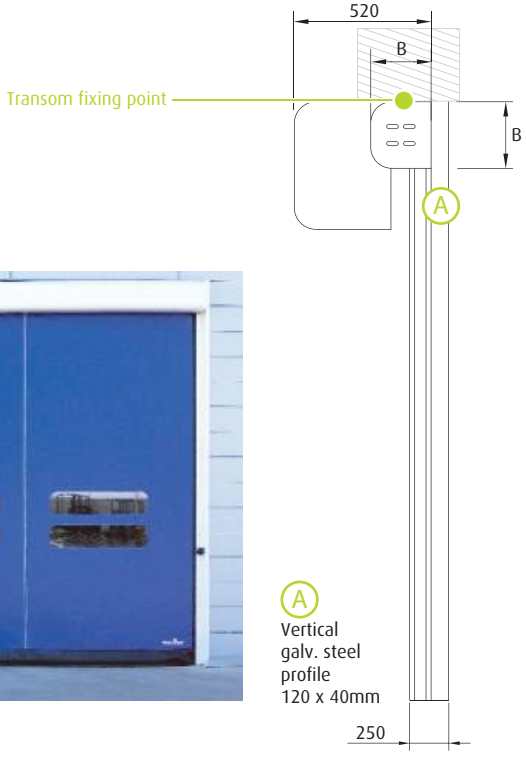
A: 450 / 500 / 550 / 650

MOUNTING METHOD

Reveal fit mounting

In case of reveal fit, columns must be supported by 120 x 40 vertical galvanized steel profile supplied with the door.
It is possible to mount the frontal motor.





Ⓐ Vertical galv. steel profile 120 x 40mm

Face fit mounting

In case of face fit, columns are fixed directly to the existing wall. Make sure there is an appropriate support.





PVC CHARACTERISTICS

STANDARD PVC

Composition and tests

EXTERNAL SIDE			
Material	Finishing	Colour	Thick
PVC	Opaque	18 standard	0,7 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	900 g/m²
INTERNAL SIDE			
Material	Finishing	Colour	Thick
PVC	Rough	18 standard	0,2 mm

COLD RESISTANCE
ISO 4675/90
-50°C ±5

HYDROLYSIS TEST
75°C 95% humidity
none variation

GAS OIL TEST
-
none variation

MARINE WATER TEST
-
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 53363
(N) > 600

TEXTURE BREAK
dIN 53363
(N) > 530

ADHESION
dIN EN ISO 2411
130 N/50mm

EEC CONFORMITY
-
Yes

SPECIFIC USE
industry, refrigerators, car washes, supermarkets, warehouses

ASSOCIATION
-

Colours



Translucent Antistatic available

FDA (Food Drug Administration) certified pvc available

INSULATED PVC

Composition and tests

EXTERNAL SIDE			
Material	Finishing	Colour	Thick
PVC	Straight	6 standard	0,5 mm
FABRIC			
Material	N. tarps	Title	EN 2286-2
PES	1	1100Dtex 12x12	1350 g/m²
INTERNAL SIDE			
Material	Finishing	Colour	Thick
PVC	Sponge	6 standard	7 mm

COLD RESISTANCE
ISO 4675/90
-10°C ±5

HYDROLYSIS TEST
75°C 95% humidity
none variation

GAS OIL TEST
-
none variation

MARINE WATER TEST
-
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
3000 N/50mm

TEXTURE EXTENSION
ISO 1421
2800 N/50mm

WARP BREAK
dIN 53363
300 N

TEXTURE BREAK
dIN 53363
300 N

ADHESION
PA 09.03 (internal)
15 N/cm

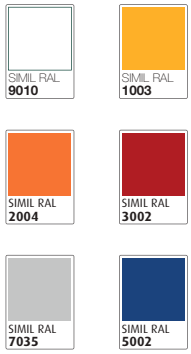
THERMAL CONDUCTIVITY
-
0,03782 W.m^{-1}

ISOLATION INDEX
-
Rw = 17,5 dB

EMPLOYMENT
Industry, refrigerators, car washes, supermarkets, warehouses

ASSOCIATION
-

Colours



MEASUREMENT OF SOUNDPROOFING POWER
R - UNI EN ISO 10140-2 - UNI EN ISO 717-1

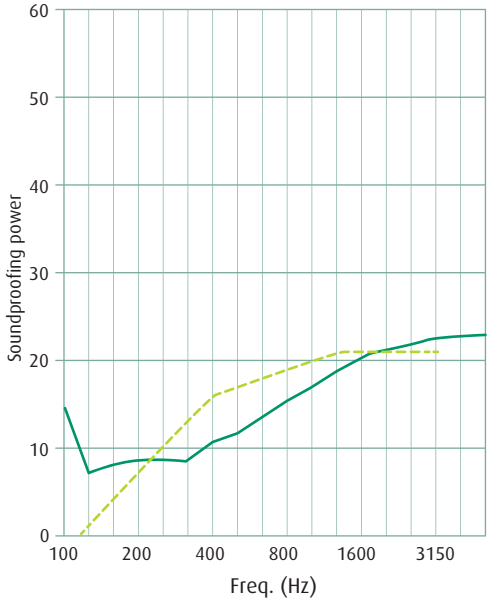
	Source	Receiver
Volume (m^3)	86,0	70,5
Temp. (°C)	21,0	21,0
Volume (m^3)	86,0	70,5

FREQ. Hz	R dB	U dB
100	14,9	1,8
125	7,5	1,7
160	8,2	1,5
200	8,7	1,6
250	8,8	1,3
315	8,6	1,2
400	10,7	1,2
500	11,7	1,1
630	13,5	1,1
800	15,4	1,1
1000	16,9	1,0
1250	18,8	1,0
1600	20,4	1,0
2000	21,2	1,0
2500	21,8	1,0
3150	22,6	1,0
4000	22,9	1,0
5000	23,0	1,0

Rw	17 dB
C	-1 dB
Ctr	-3 dB
K	2,00 - 95%

Evaluation according to ISO 717-1 in the band 100 ÷ 3150 Hz based on laboratory measurements

SAMPLE AREA
S = 1,50 m^2



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
DUAL-FUNCTION
opening and
intermittent door
opening/closing
signaling



WIND GAUGE



KEY SELECTOR



REMOTE CONTROL



BOLLARD B-PROTECT



PULL CORD SWITCH



MAGNETIC LOOP DETECTOR











