BMP HIGH SPEED DOORS





DynaDry

EPD®
THE INTERNATIONAL EPD® SYSTEM



TECHNICAL DATA


ANTI -DRIP


WATER DISCHARGE


WASHABLE


HIGH SAFETIES


SELF-REPAIR


OIL FREE


GRAVITY TECHNOLOGY

MAXIMUM DIMENSIONS	**W** 6500 mm x **H** 6500 mm
SPEED	Up to 2,5 m/s
CYCLES TEST	1.000.000
AIR PERMEABILITY	3000 x 3000 Class 3 5000 x 5000 Class 2
STRUCTURE	Not self-supporting
FRAME / MOTOR COVER HOOD	**Standard** Galvanized steel Stainless Steel 441/304
CURTAIN	**Standard** PVC curtain 900 gr/m²
	Optional • Translucent 35/40% • FDA (white) • Antistatic
SLIDING SYSTEM	Patented sliding system with high density Polyzene self- lubricant equipped of sliding zipper directly on curtain
CONTROL PANEL	**Standard** PVC panel (300 x 400 x 150 mm)
	Optional • Stainless steel • Coated steel panel IP54 (300 x 500 x 150 mm)
	Inverter 50/60 Hz with absolute encoder
	Power supply 1-ph, 230V max 16A
	Power supply 3-ph, 400V max 10A
	Power supply 3-ph, 230V max 16A
	Start/ Stop button
	2 free contacts (door open / closed / alarm)
	Automatic/Manual Interlocking between 2 doors
	IP54 rating for motor and control panel
WIRING	Plug and Play system IP65
SAFETIES	**Standard** • IP65 photocells set • Anti-jam sensor reverse
	Optional • WiFi safety edge IP65 • Multi ray light curtain barrier H 2500 IP67
EMERGENCY OPENING	**Standard** Hand crank
	Optional Chain system UPS Battery
ADVISING OPERATIVE TEMPERATURE	Operating till - 30˚C with addition of heating kit - Not adapt to be installed in negative / positive temperature

The **DynamicRoll® DynaDry** features a stainless steel construction and is designed to prevent condensation and water from falling into the passageway when the door is open. The door, with its patented and innovative system, protects the goods passing under the passageway and is designed to be easily washable in all its parts while meeting the hygiene criteria required by the industry.

For more information, download the complete datasheet

CLICK HERE

PVC CHARACTERISTICS

STANDARD PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*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*	*Color*	*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

FIRE CLASSIFICATION
EN 13501-1 2018
S-b2 D0

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

Colors



Translucent Antistatic available

INSULATED PVC

Composition and tests

EXTERNAL SIDE			
Material	*Finishing*	*Color*	*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*	*Color*	*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/V1
3000 N/50mm

TEXTURE EXTENSION
ISO 1421/V1
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

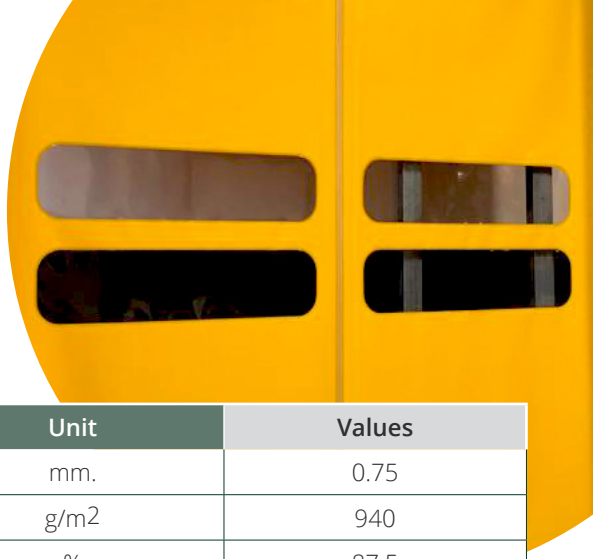
ASSOCIATION
-

Colors



CRISTAL CHARACTERISTICS

PVC SUPERCLEAR



SUITABLE ONLY FOR POSITIVE TEMPERATURE ENVIRONMENTS

WINDOWS - *CRISTAL*

TECHNICAL DATA

Article	SUPERCLEAR 0.75 mm FR

Technical specifications	Standards	Unit	Values
Thickness	-	mm.	0.75
PVC total weight	-	g/m2	940
Light transmission	JIS K - 7361	%	87.5
Tensile strength *Lengthwise MD*	JIS K - 6732	N	26.6
Tensile strength *Crosswise TD*	JIS K - 6732	N	24.2
Tear strength *Lengthwise MD*	JIS K - 6732	N	55.6
Tear strength *Crosswise TD*	JIS K - 6732	N	57.4
Elongation *Lengthwise MD*	JIS K - 6732	%	406
Elongation *Crosswise TD*	JIS K - 6732	%	414
Cold crack resistance	JIS K - 6772	°C	-40
Flame retardancy	-	-	No
Hardness	-	-	4.0S
Standard length	-	m	30
Standard width	-	m	1.37

FDA CERTIFICATED PVC

Food Drug Administration

TECHNICAL DATA

Composition and tests

TOP FACE COATING			
Material	*Finish*	*Color*	*Thickness*
PUR	Opaque	White	0,6 mm
FABRIC			
Material	*N. tarps*	*Title*	*EN 2286-2*
PET	1	2200 Dtex 12x12	1500 g/m²
UNDERSIDE COATING			
Material	*Finish*	*Color*	*Thickness*
PUR	Plain	White	0,6 mm

COLD RESISTANCE
ISO 4675/90
-30°C ±5

TROPICAL TEST
75°C 95% humidity
none variation

DIESEL FUEL TEST
-
none variation

SEA WATER TEST
-
none variation

OZONE TEST
ISO 3011
none crack

T. STORAGE
(°C)
-30 +65

ABRASION
ISO 5470/80, 5N C517 400 cycles
(mg) 1

PUNCTURE
RINA 3.A1.2.7
(N) > 125

EXERCISE 7 days -70°C
ISO 6065
none variation

Characteristics

THICKNESS
ISO 2286/3
(mm) 1,20±0,1

WEIGHT
ISO 2286/2
(kg/m2) 1,30±0,1

TENSILE STRENGTH WARP
ISO 1421
6000 N / 50mm

ELONGATION YARN
ISO 1421
[%] > 14

ELONGATION WEFT
ISO 1421
[%] > 20

TEAR RESISTANCE WARP
dIN 53363
(N) > 250

TEAR RESISTANCE WEFT
dIN 53363
(N) > 220

PEELING TEST
dIN EN ISO 2411
130 N/50mm

FDA COMPLIANCE CEE
Yes

SPECIFIC USE
cleanrooms, clinical, hospital

ASSOCIATION
DynamicRoll

Disclaimer

The information contained in this document describes the features of the BMP EUROPE product as tested in a laboratory, other indications excepted, environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the BMP EUROPE product. BMP EUROPE cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

OPTIONAL ACCESSORIES

RADAR



OPENING POINTING RADAR
TOF/SPOT
for internal use only



INFRARED RADAR
with cross-movement
adjustment



INFRARED RADAR
motion and presence
(pedestrian/forklift) radar

TRAFFIC LIGHTS



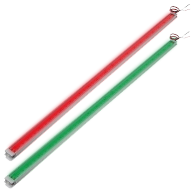
GREEN FIXED STANDARD
traffic light



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



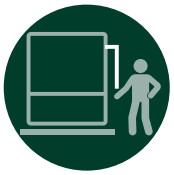
KEY SELECTOR



REMOTE CONTROL



BOLLARD B-PROTECT



PULL CORD SWITCH



MAGNETIC LOOP DETECTOR

Quality products since 1997

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