

VATPAL GROUP

PANELCHOK

THE **TECHNICAL** INDUSTRIAL **SYSTEM**

BRINGING **SUSTAINABILITY** TO **INDUSTRIAL SYSTEM**
ASPIRE TO INSPIRE TO GET SAFE AND BEST FUTURE



OUR MISSION

"To empower stakeholders through trusted relationships and innovative technology, fostering sustainable progress and creating lasting value for our community and beyond."

OUR VISION

To empower a connected world through the seamless integration of trust and technology. We aspire to driving a sustainable progress, and shaping a brighter tomorrow for generations to come.

OUR MOTTO

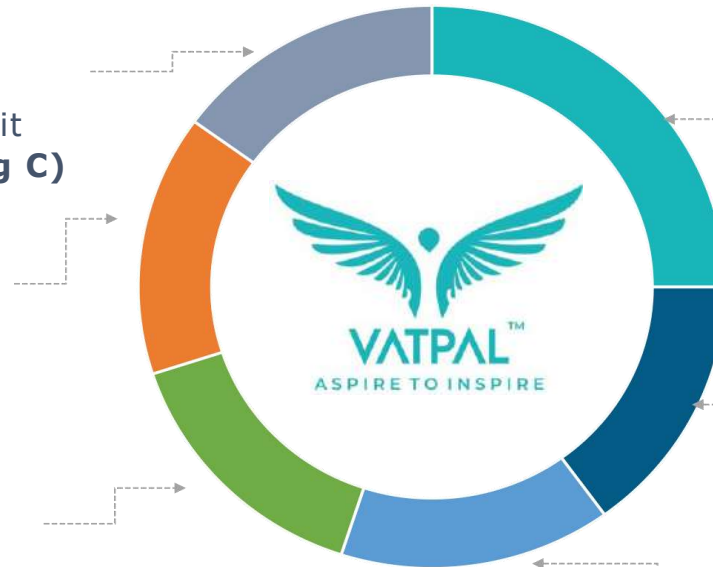
Growing Together with Trust and Technology for sustainable future

360° Solutions BRINGING SUSTAINABILITY AND SAFETY TO CLIMATE CONTROL

All types of Technical Textile,
Filtration Systems,
Thermal mattress,
Insulation Jackets
Our own Manufacturing Unit
(-110 Deg C to 1000 Deg C)

Engineering Consultancy
Airflow Monitoring
CFD Stimulations etc.
TAB Services

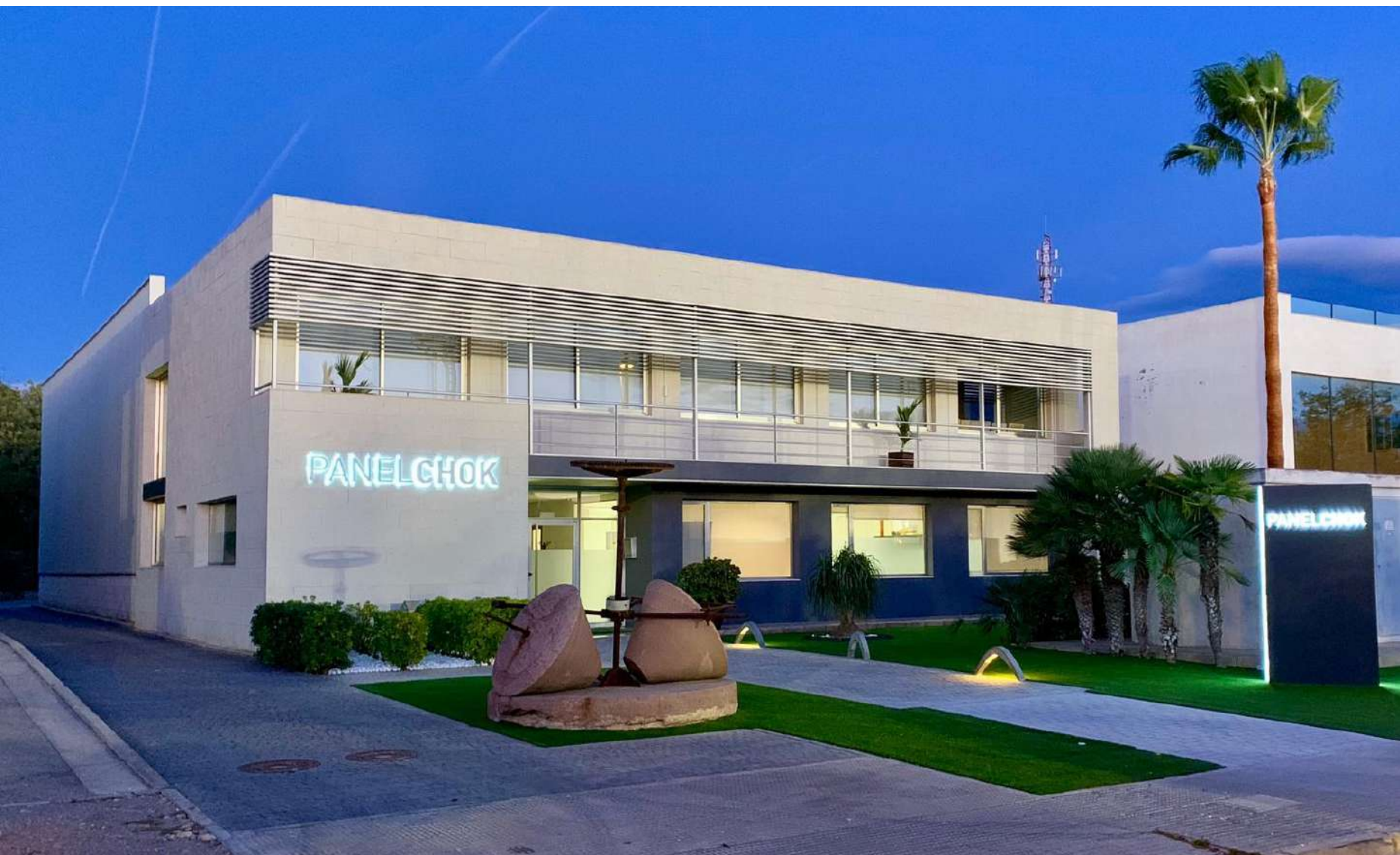
**Industrial Heat Pumps,
Industrial Chillers
Special Purpose Equipment's
Such as Test Stands etc.**



**Textile Air Ducting and
Air Distributions System**
- Industrial
- Commercial
- Mobility

HVAC Solutions
Trench Cooling System
Fan Coil Units
Adiabatic Cooling System

Industrial Solutions
HVLS System
Roof Extractors – Hybrid
& Natural
Industrial curtains
Centrifugal , Axial, Plenum Fans
Technical Industrial System



OUR ARGUMENTS



SOLUTIONS



STUDY



DESIGN



MANUFACTURE

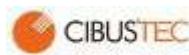
- MORE THAN **40 YEARS EXPERIENCE**
- **LEADERS IN BUILDING SOLUTIONS** FOR COLD STORAGE, FOOD PROCESSING, LOGISTICS, HOSPITALS AND PHARMACEUTICAL INDUSTRIES
- SYNERGIES BETWEEN ALL RANGE OF PRODUCTS PROVIDING **COMPLETE SOLUTIONS**
- THE MOST **INNOVATIVE EUROPEAN TECHNOLOGY**



**PRESENT IN OVER 30 COUNTRIES
WITH MORE THAN 400 CUSTOMERS**



PRESENCE IN EXHIBITIONS



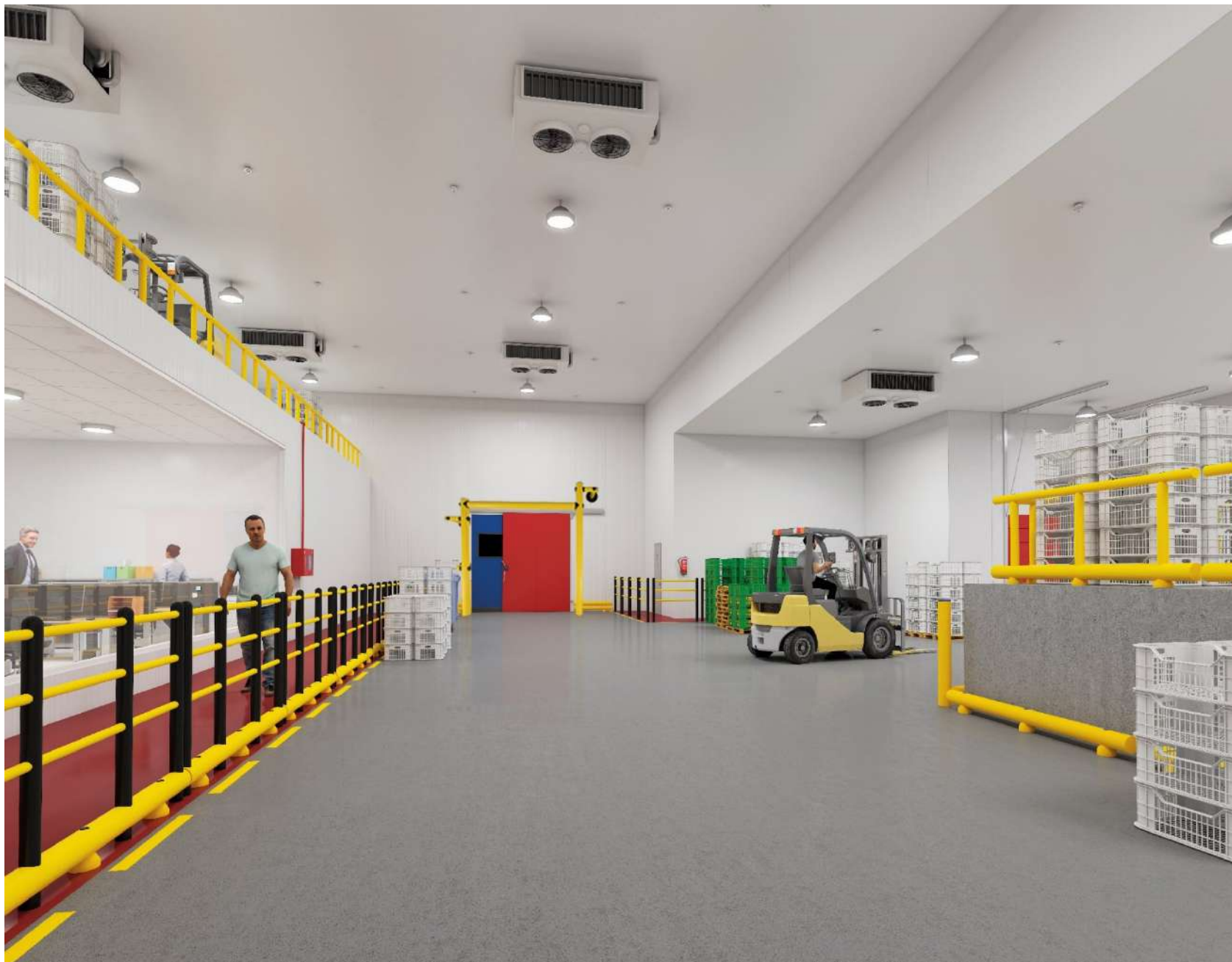
2016 - 2025

SPAIN - GERMANY - ITALY - MEXICO - EEUU - SPAIN - GERMANY - ITALY - MEXICO – EEUU- INDIA









OUR PRODUCTS



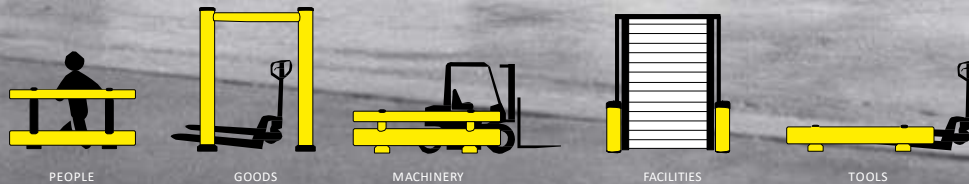
HIGH QUALITY PRODUCTS



ENVIRONMENTAL POLICY

01

PCK BOLLARDS & GUARDRAILS



BENEFITS OF PCK PROTECTIONS:

CRASH TEST IMPACT RESULTS VERIFIED BY **TUV NORD**
CUALICONTROL



ECO POLYMER HIGHLY RESISTANT TO
IMPACT WITH NO FLOOR BREAKAGE



MINIMUM MAINTENANCE



HYGIENIC AND EASY TO CLEAN



SEPARATED PROTECTIONS OF THE
ELEMENTS TO BE PROTECTED SO NO
IMPACTS TRANSMITTED



FOOD USE



FAST REPAIR AT MINIMAL COST



HIDDEN FIXINGS



WITH PROTECTION AGAINST UV RAYS



100% RECYCLABLE

ECONOMIC BENEFITS

OTHER MANUFACTURER



100% EXTRA COST



INITIAL SAVING = DETERIORATION + MAINTENANCE + 100% EXTRA COST

PANELCHOK

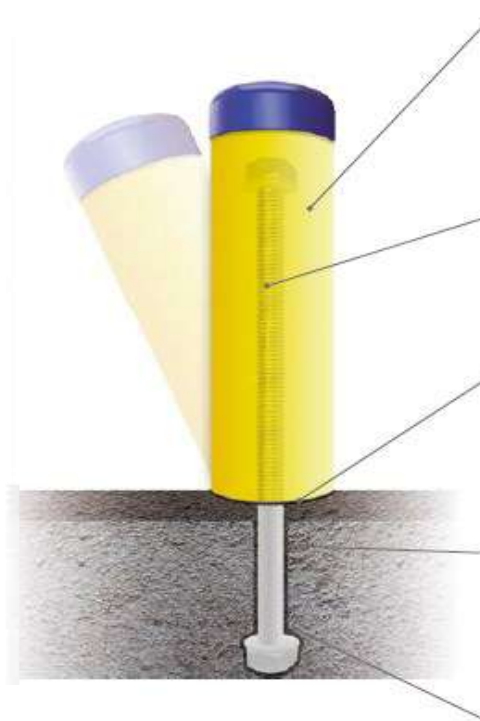


100% SAVINGS



INITIAL COST = DURABILITY + 100% COST RECOVERY

PCK SAFETY



HIGH RESISTANCE ECO POLYMER

A highly resistant material showing a better performance than stainless steel and concrete. Complies with standards for materials in contact with food.

ROD

Steel rod A-4.6 permitting deformation without breakage.

NEOPRENE

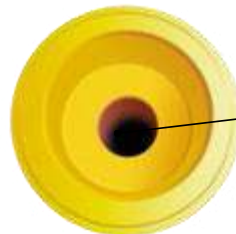
Special neoprene to seal the protection joint and avoid any fluid entry.

PVC PIPE

PVC jacket for easy replacement of the rod.

ANCHORING SYSTEM

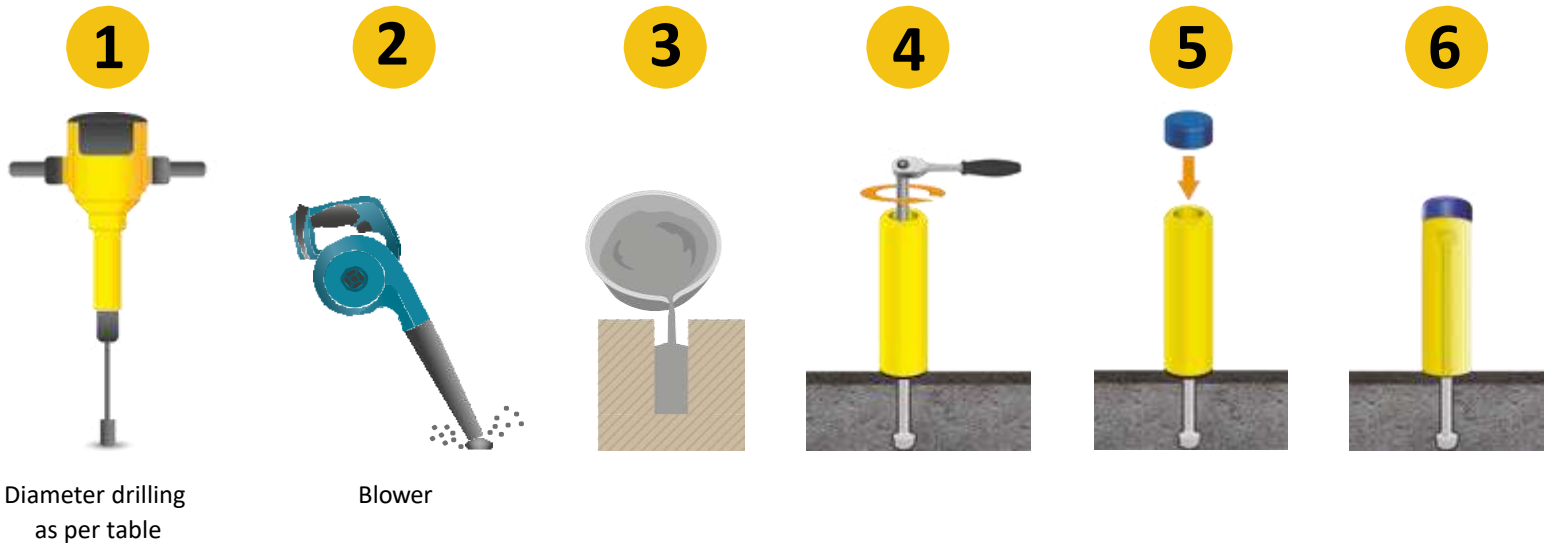
Guarantees maximum fixing and resistance for the protection and if necessary facilitates rod replacement.



SOLID BODY

Manufactured in solid pieces to give maximum resistance. Note also there's no paint; pigment is in the material itself. This pigment is protected against UV rays.

EASY ASSEMBLY



EASY REPAIR



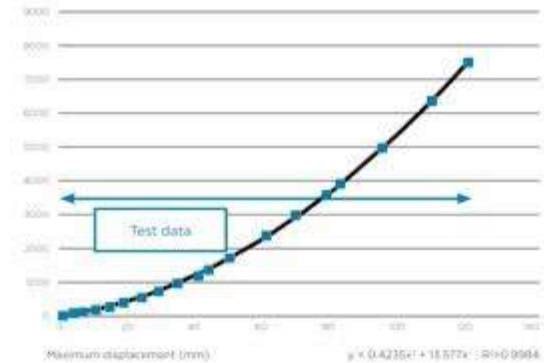
CRASH TEST



CRASH BARRIER Ø120 mm REINFORCED BASE M-20

Energy absorbed (Joules)

Crash barrier diameter 120 Reinforced base Metric 20
Polynomial (Crash barrier diameter 120: Reinforced base Metric 20)

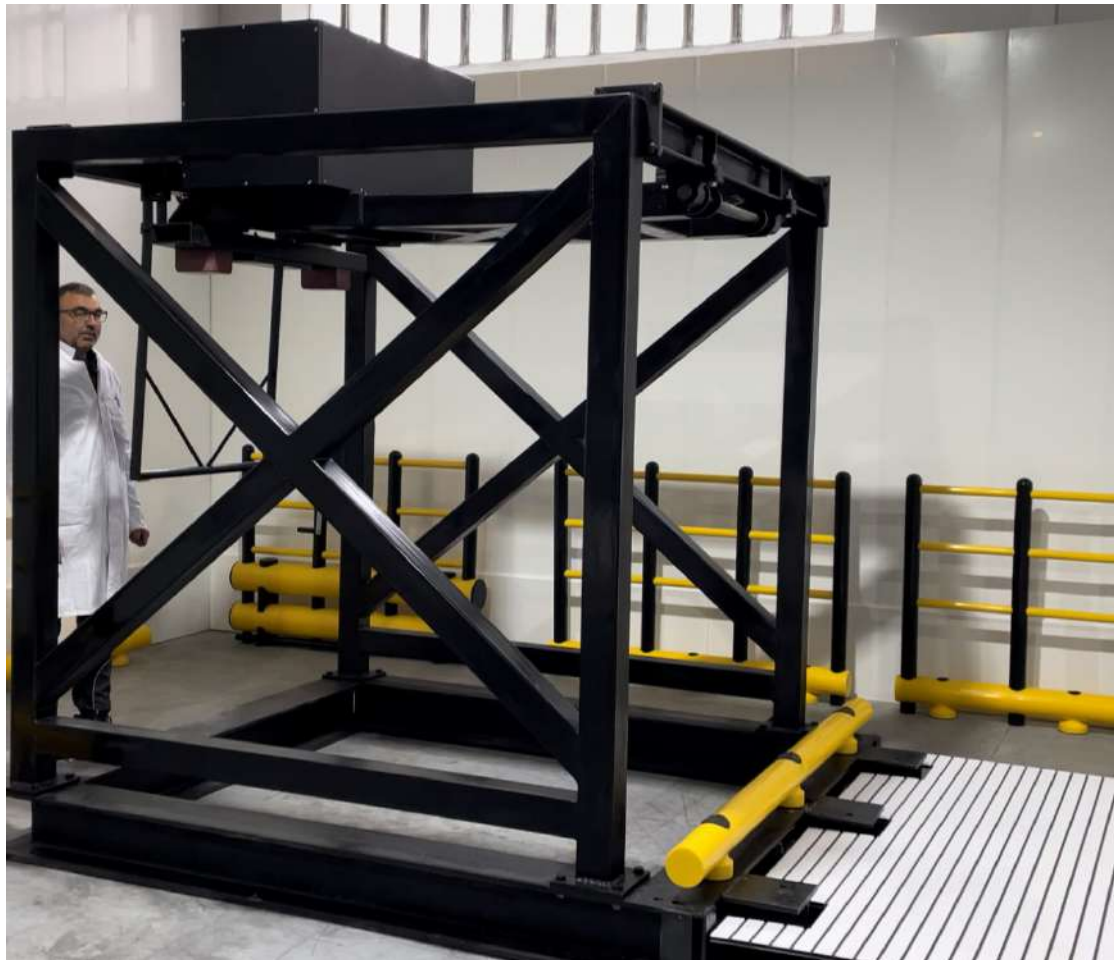


CRASH BARRIER Ø120 mm REINFORCED BASE M-20

(LOAD BETWEEN SUPPORTS) (displacement mm)



CRASH TEST



BOLLARD



DIMENSIONES (mm) SIZES (mm)			PERFORACION (mm) DRILLING (mm)	
DIÁMETRO DIAMETER	ALTURA HEIGHT	Ø VARILLA Ø ROD	Ø	PROFUNDIDAD DEPTH
■ 70	■ 266	■ 20	■ 48	■ 150
■ 100	■ 430	■ 30	■ 68	■ 150
■ 100	■ 530	■ 30	■ 68	■ 150
■ 120	■ 430	■ 30	■ 68	■ 150
■ 120	■ 530	■ 30	■ 68	■ 150
■ 120	■ 800	■ 30	■ 68	■ 150
■ 140	■ 430	■ 30	■ 68	■ 150
■ 180	■ 430	■ 30	■ 68	■ 150



BOLLARD



SIGNAL BOLLARD



BOLARDO 110/170 110/170 BOLLARD

UTILIDADES

Bolardo de gran altura, macizo hasta los 500 mm.
Para protección y señalización.

USES

High-rise bollard, solid up to 500 mm to provide
enhanced protection and visibility.

PROTECCIONES
PROTECTIONS



BOLARDO 170
170 BOLLARD

BOLARDO 110
110 BOLLARD

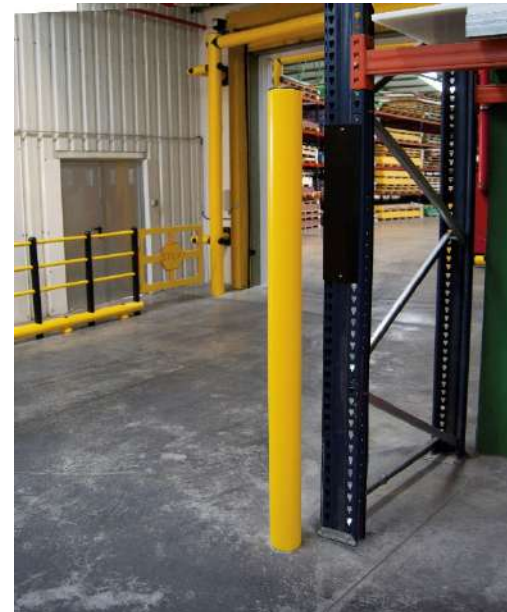


DIMENSIONES (mm) SIZES (mm)		
DIÁMETRO DIAMETER	ALTURA HEIGHT	Ø VARILLA Ø ROD
110	1000	30
110	1500	30
110	2000	30
110	2500	30
170	1200	30
170	1500	30
170	2000	30
170	2500	30

PERFORACIÓN (mm) DRILLING (mm)	
Ø	PROFUNDIDAD DEPTH
68	150
68	150
68	150
68	150
68	150
68	150
68	150
68	150



SIGNAL BOLLARD



CRASH BARRIER



SIZES (mm)				
DIAMETER	LONGITUD	N° BASES	HEIGHT	Ø ROD
■ 70	■ 500/1000	■ 2	■ 125	■ 16
■ 70	■ 1500/2000	■ 3	■ 125	■ 16
■ 100	■ 500/1000	■ 2	■ 155	■ 20
■ 100	■ 1500/2000	■ 3	■ 155	■ 20
■ 100	■ 2.500	■ 4	■ 155	■ 20
■ 120	■ 500/1000	■ 2	■ 175	■ 20
■ 120	■ 1500/2000	■ 3	■ 175	■ 20
■ 120	■ 2500	■ 4	■ 175	■ 20
■ 120	■ 500/1000	■ 2	■ 275	■ 20
■ 120	■ 1500/2000	■ 3	■ 275	■ 20
■ 120	■ 2500	■ 4	■ 275	■ 20

DRILLING (mm)	
Ø	DEPTH
■ 38	■ 150
■ 38	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150



CRASH BARRIER



DOUBLE CRASH BARRIER



SIZES (mm)					
DIAMETER		LENGTH	N° BASES	HEIGHT	Ø ROD
INF	SUP				
■ 70	■ 70	■ 500/1000	■ 2	■ 230	■ 16
■ 70	■ 70	■ 1500/2000	■ 3	■ 230	■ 16
■ 100	■ 100	■ 500/1000	■ 2	■ 300	■ 20
■ 100	■ 100	■ 1500/2000	■ 3	■ 300	■ 20
■ 120	■ 120	■ 500/1000	■ 2	■ 340	■ 20
■ 120	■ 120	■ 1500/2000	■ 3	■ 340	■ 20

DRILLING (mm)	
Ø	DEPTH
■ 38	■ 150
■ 38	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150
■ 48	■ 150



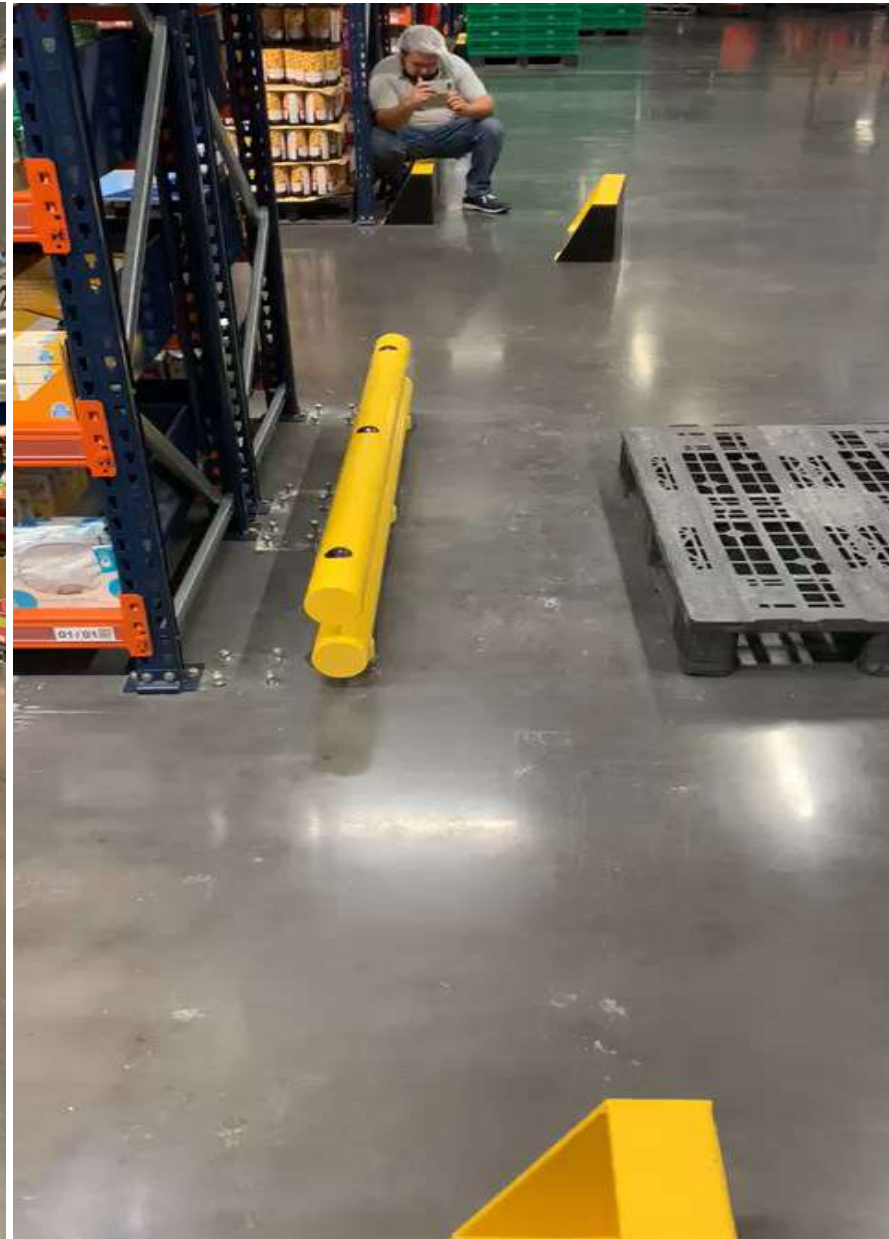
DOUBLE CRASH BARRIER



MERCADONA CASE



MERCADONA CASE



RAILINGS



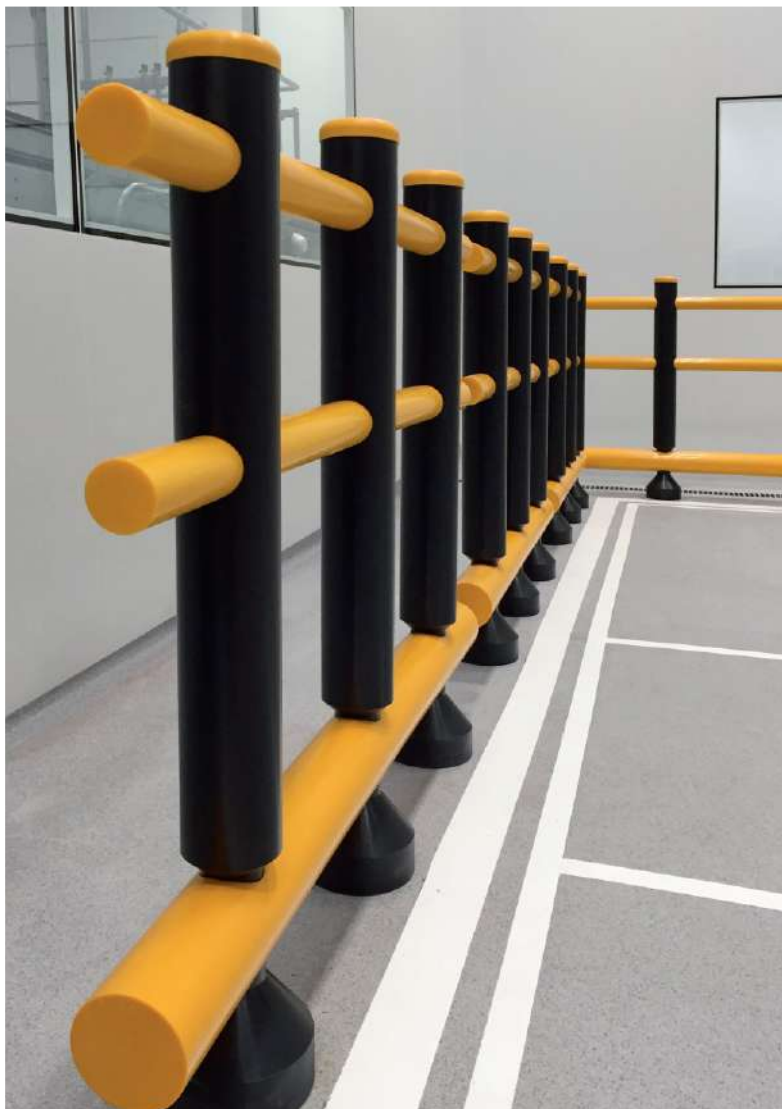
PEDESTRIAN RAILING PCK 100



DIMENSIONES (mm) SIZES (mm)					PERFORACION (mm) DRILLING (mm)	
POSTE BOLLARD Nº	Ø	TRAVESAÑO CROSSBAR	LONGITUD LENGTH	ALTURA HEIGHT	Ø VARILLA Ø ROD	PROFUNDIDAD DEPTH
2	70	40/40/40	1500	1100	14	36
						150



RAILING PCK 200



SIZES (mm)					
DIAMETER INF SUP		LENGTH	N° BASES	HEIGHT	Ø ROD
120	70	500/1000	2	500	20
120	70	1500/2000	3	500	20
120	70	500/1000	2	800	20
120	70	1500/2000	3	800	20
120	70	500/1000	2	1000	20
120	70	1500/2000	3	1000	20

DRILLING (mm)	
Ø	DEPTH
48	150
48	150
48	150
48	150
48	150
48	150



RAILING PCK 300



DIMENSIONES (mm) SIZES (mm)					
DIÁMETRO DIAMETER	LONGITUD LENGTH	Nº BASES Nº BASES	ALTURA HEIGHT	Ø VARILLA Ø ROD	
INF SUP					
120 40/40/40	1000	2	1100	20	
120 40/40/40	2000	3	1100	20	

PERFORACION (mm) DRILLING (mm)	
Ø	PROFUNDIDAD DEPTH
48	150
48	150



RAILING PTH 200



DIMENSIONES (mm) SIZES (mm)					PERFORACION (mm) DRILLING (mm)	
POSTE BOLLARD Ø	TRAVESAÑO CROSSBAR	LONGITUD LENGTH	ALTURA HEIGHT	Ø VARILLA Ø ROD	Ø	PROFUNDIDAD DEPTH
110	70/70/70	1500	1100	30	68	150
170	70/70/70	1500	1100	30	68	150



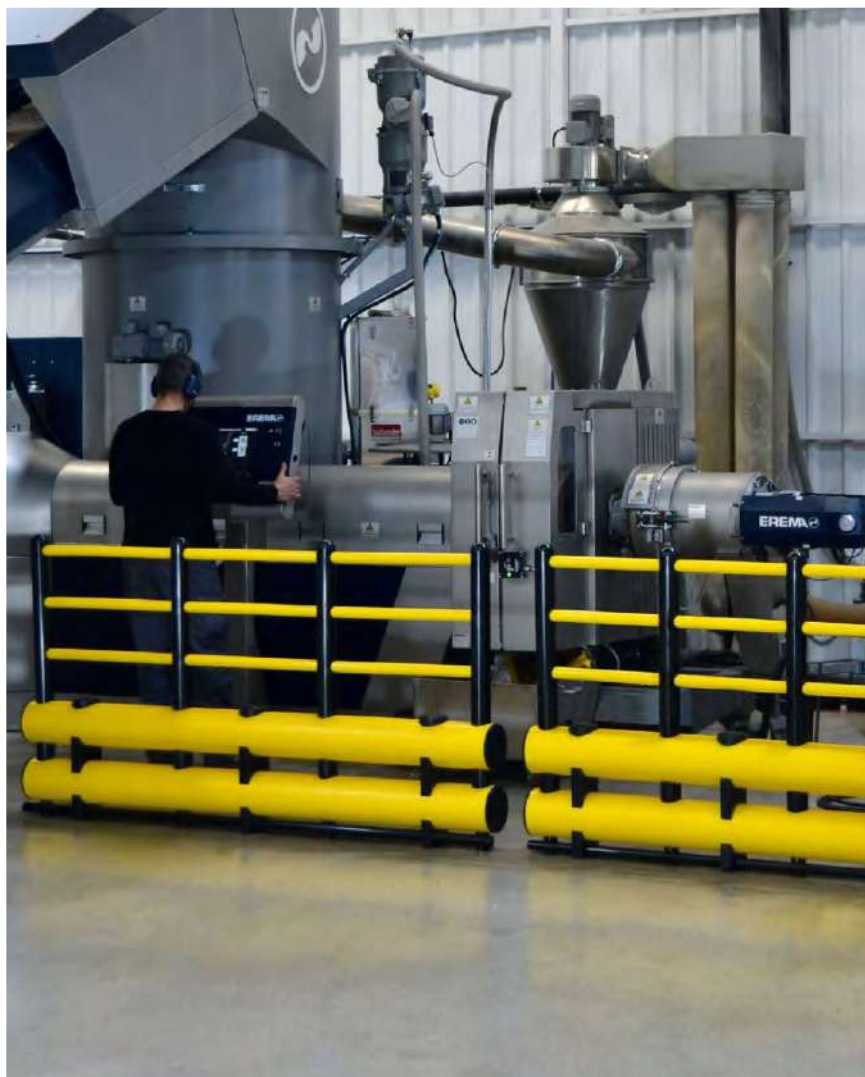
RAILING PTH 400



DIMENSIONES (mm) SIZES (mm)						PERFORACION (mm) DRILLING (mm)	
DIÁMETRO DIAMETER		LONGITUD LENGTH	Nº BASES Nº BASES	ALTURA HEIGHT	Ø VARILLA Ø ROD	PROFUNDIDAD DEPTH	
INF	SUP					Ø	
■ 170+40	■ 40/40/40	■ 1.000	■ 2	■ 1.100	■ 16	■ 38	■ 150
■ 170+40	■ 40/40/40	■ 1.500	■ 3	■ 1.100	■ 16	■ 38	■ 150
■ 170+40	■ 40/40/40	■ 2.000	■ 3	■ 1.100	■ 16	■ 38	■ 150



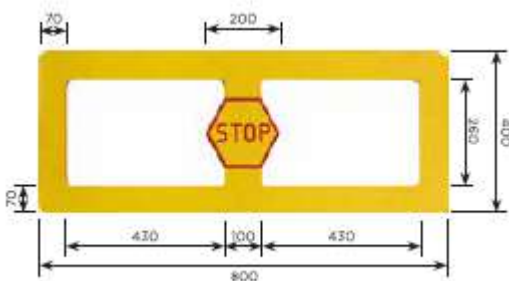
PTH 400 DOUBLE RAILING



DIMENSIONES (mm) SIZES (mm)						PERFORACION (mm) DRILLING (mm)	
DIÁMETRO DIAMETER	LONGITUD LENGTH	Nº BASES Nº BASES	ALTURA HEIGHT	Ø VARILLA Ø ROD		PROFUNDIDAD DEPTH	
INF	SUP				Ø		
■ 170/170+40	■ 40/40/40	■ 1.000	■ 2	■ 1.100	■ 16	■ 38	■ 150
■ 170/170+40	■ 40/40/40	■ 1.500	■ 3	■ 1.100	■ 16	■ 38	■ 150
■ 170/170+40	■ 40/40/40	■ 2.000	■ 3	■ 1.100	■ 16	■ 38	■ 150



STOP GATE



DIMENSIONES (mm) SIZES (mm)							
POSTE POST			PUERTA GATE			PERFORACION DRILLING	
DIÁMETRO DIAMETER	ALTURA HEIGHT	Ø	LONGITUD LENGTH	ALTURA HEIGHT	ESPESOR THICKNESS	Ø	PROFUNDIDAD DEPTH
■ 120	■ 1000	■ 30	■ 800	■ 400	■ 20	■ 68	■ 150



BENEFITS OF PTH PROTECTIONS:

CRASH TEST IMPACT RESULTS VERIFIED BY **TUV NORD**
CUALICONTROL



ECO POLYMER HIGHLY RESISTANT TO
IMPACT WITH NO FLOOR BREAKAGE



MINIMUM MAINTENANCE



HYGIENIC AND EASY TO CLEAN



SEPARATED PROTECTIONS OF THE
ELEMENTS TO BE PROTECTED SO NO
IMPACTS TRANSMITTED



FOOD USE



FAST REPAIR AT MINIMAL COST



HIDDEN FIXINGS

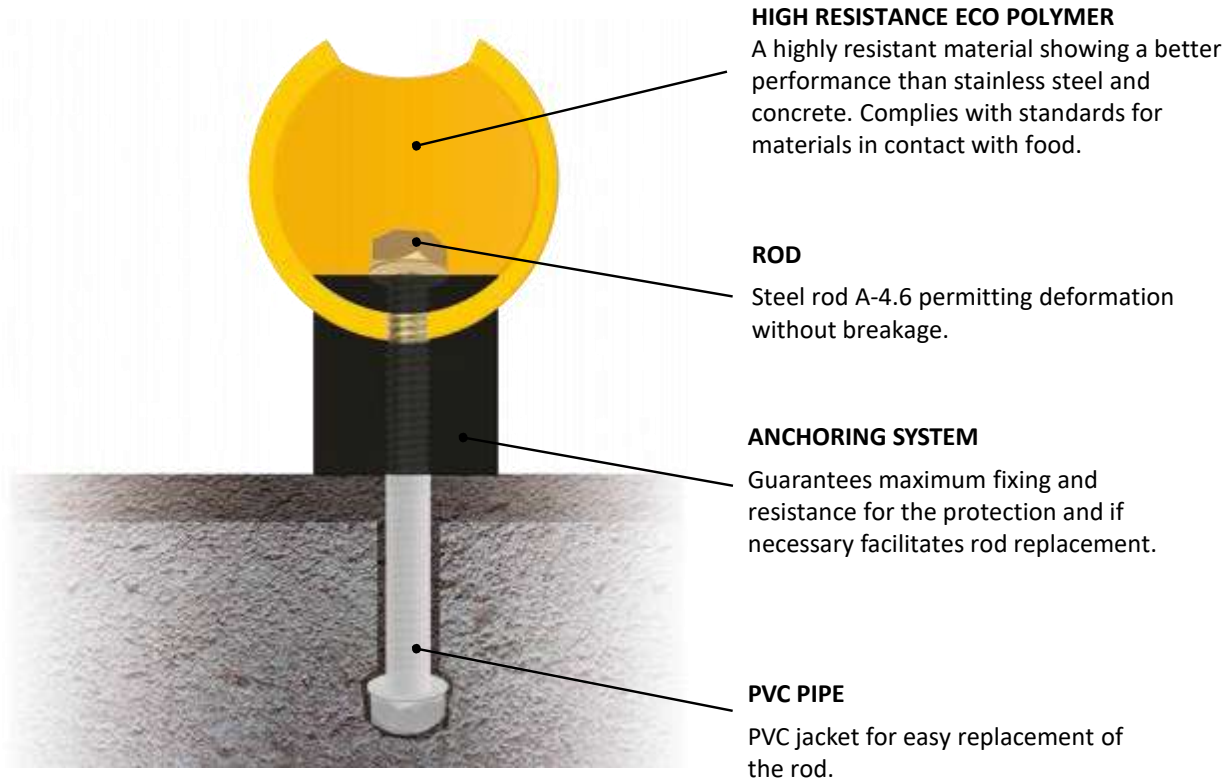


WITH PROTECTION AGAINST UV RAYS



100% RECYCLABLE

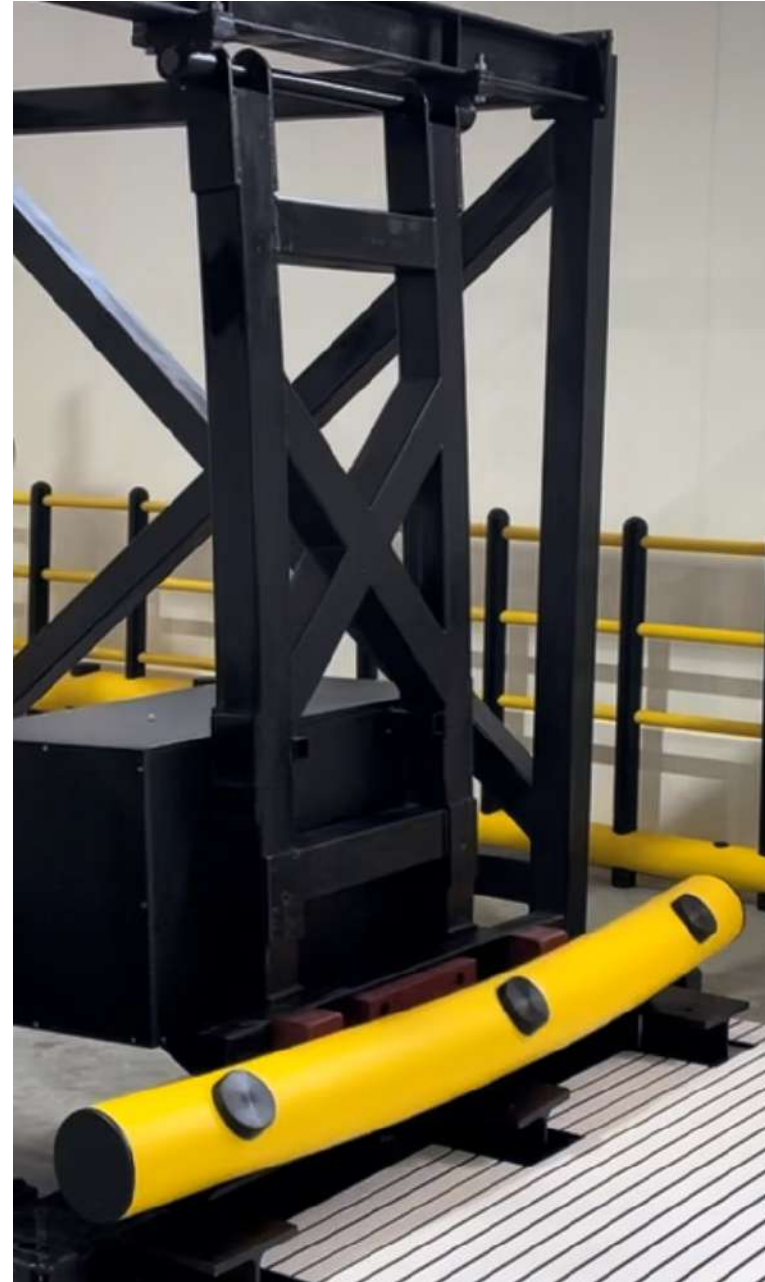
PTH SAFETY



CRASH TEST



CRASH TEST



CRASH BARRIER PTH 110

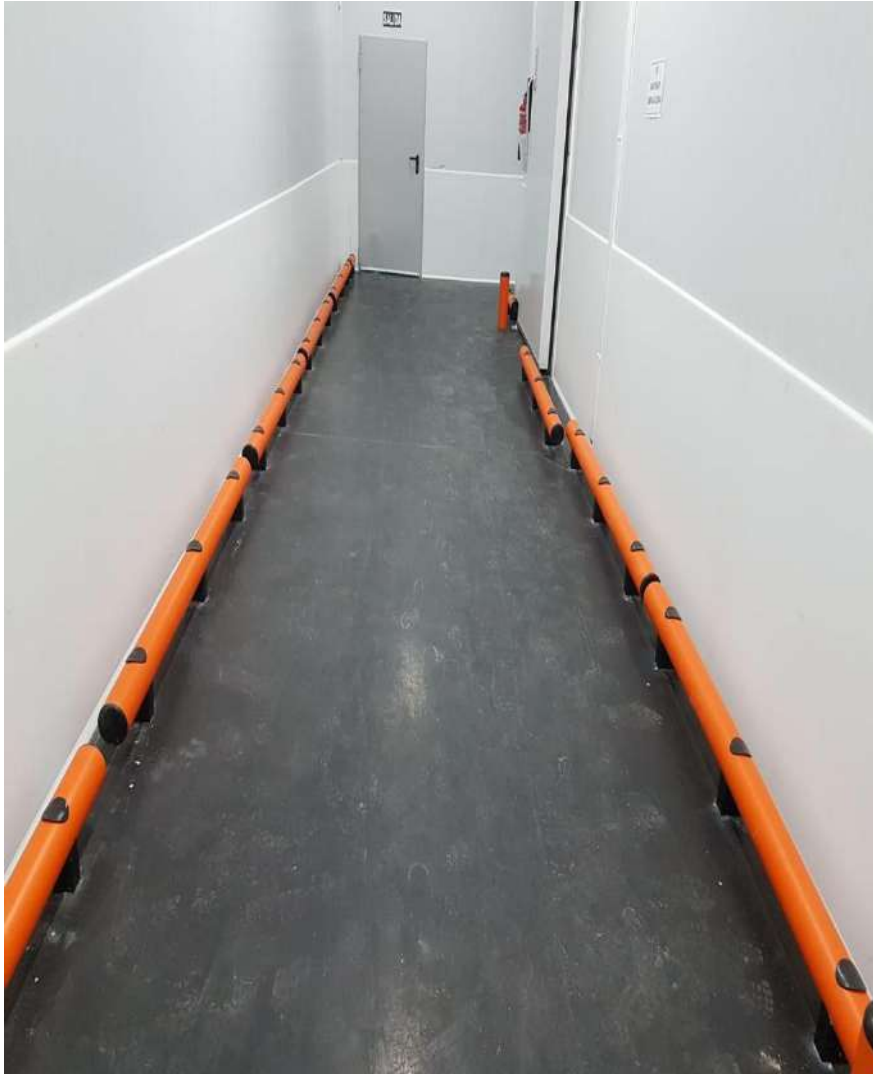


SIZES (mm)				
DIAMETER	LENGTH	N° BASES	HEIGHT	Ø ROD
110	500	2	175	14
110	1000	2	175	14
110	1500	3	175	14
110	2000	3	175	14
110	2500	4	175	14

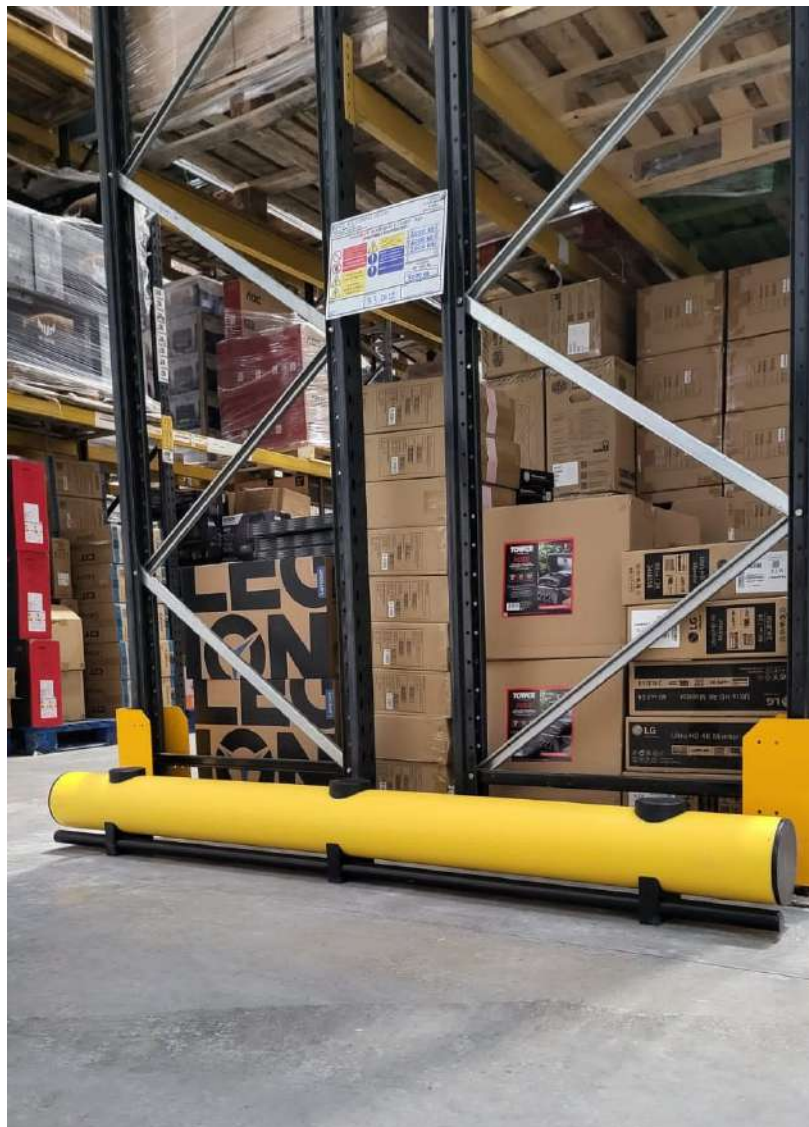
DRILLING (mm)	
Ø	DEPTH
36	150
36	150
36	150
36	150
36	150



CRASH BARRIER PTH 110



CRASH BARRIER PTH 170



GUARDARRAÍL PTH 170 PTH 170 CRASH BARRIER



UTILIDADES

Protección de gran resistencia y mayor altura, con barra de refuerzo inferior. Tapón roscado de HDPE.

USES

High resistance protection with greater height, with lower reinforcement bar. HDPE screw cap.



DIMENSIONES (mm) SIZES (mm)					PERFORACION (mm) DRILLING (mm)	
DIÁMETRO DIAMETER	LONGITUD LENGTH	Nº BASES Nº BASES	ALTURA HEIGHT	Ø VARILLA Ø ROD	Ø	PROFUNDIDAD DEPTH
■ 170+40	■ 500	■ 2	■ 220	■ 16	■ 38	■ 150
■ 170+40	■ 1000	■ 2	■ 220	■ 16	■ 38	■ 150
■ 170+40	■ 1500	■ 3	■ 220	■ 16	■ 38	■ 150
■ 170+40	■ 2000	■ 3	■ 220	■ 16	■ 38	■ 150



PTH 170 PLUS DOUBLE CRASH BARRIER



DIMENSIONES (mm) SIZES (mm)						PERFORACION (mm) DRILLING (mm)	
DIÁMETRO DIAMETER INF SUP	LONGITUD LENGTH	Nº BASES Nº BASES	ALTURA HEIGHT	Ø VARILLA Ø ROD		Ø	PROFUNDIDAD DEPTH
■ 170+40 ■ 170	■ 500	■ 2	■ 450	■ 16		■ 38	■ 150
■ 170+40 ■ 170	■ 1.000	■ 2	■ 450	■ 16		■ 38	■ 150
■ 170+40 ■ 170	■ 1.500	■ 3	■ 450	■ 16		■ 38	■ 150
■ 170+40 ■ 170	■ 2.000	■ 3	■ 450	■ 16		■ 38	■ 150



TOPPLE BARRIER / INDUSTRIAL KERB / COLUMN PROTECTOR








PTH PERIMETER DOOR PROTECTION

VENTAJAS PTH

DE PROTECCIONES PERIMETRALES DE PUERTAS

PTH ADVANTAGES PERIMETER DOOR PROTECTION

-  **Resistente a impactos**
Resistant to impacts
-  **Total adaptabilidad**
Total adaptability
-  **Flexibilidad y resistencia**
Flexible & robust
-  **Fácil reparación**
Easy repair
-  **Brazos articulados de refuerzo incorporados**
Built-in reinforcement arms

MEDIDAS STANDARS DE LAS PROTECCIONES

STANDARD PROTECTION MEASURES

	DIMENSIONES (mm)				SIZES (mm)
ANCHO WIDTH	2.500	3.000	3.500	4.000	Para otras medidas consultar For other measures consult
ALTURA HEIGHT	2.500	3.000	3.500	4.000	Para otras medidas consultar For other measures consult



RESISTENCIA Y FLEXIBILIDAD DE LAS PROTECCIONES

STRENGTH AND FLEXIBILITY OF PROTECTIONS



FÁCIL MONTAJE - FÁCIL SUSTITUCIÓN / EASY ASSEMBLY - EASY REPLACEMENT



Medición y perforado
Measuring and drilling



Aspiración y limpieza
Aspiration and cleaning



Cementación
Cementation



Fijación bolardo
Bollard fixing



Introducir jamba
Post placement



Introducir dintel
Crossbar placement



Despiece brazos
Parts of arms



Colocación brazo a mástil
Fixing arm to post



Montaje brazo pared a peana
Mounting arm wall to base

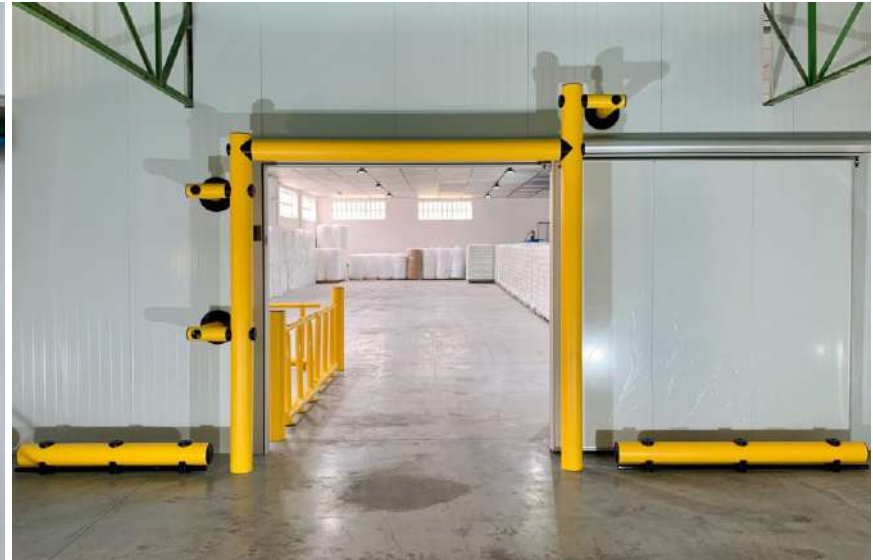
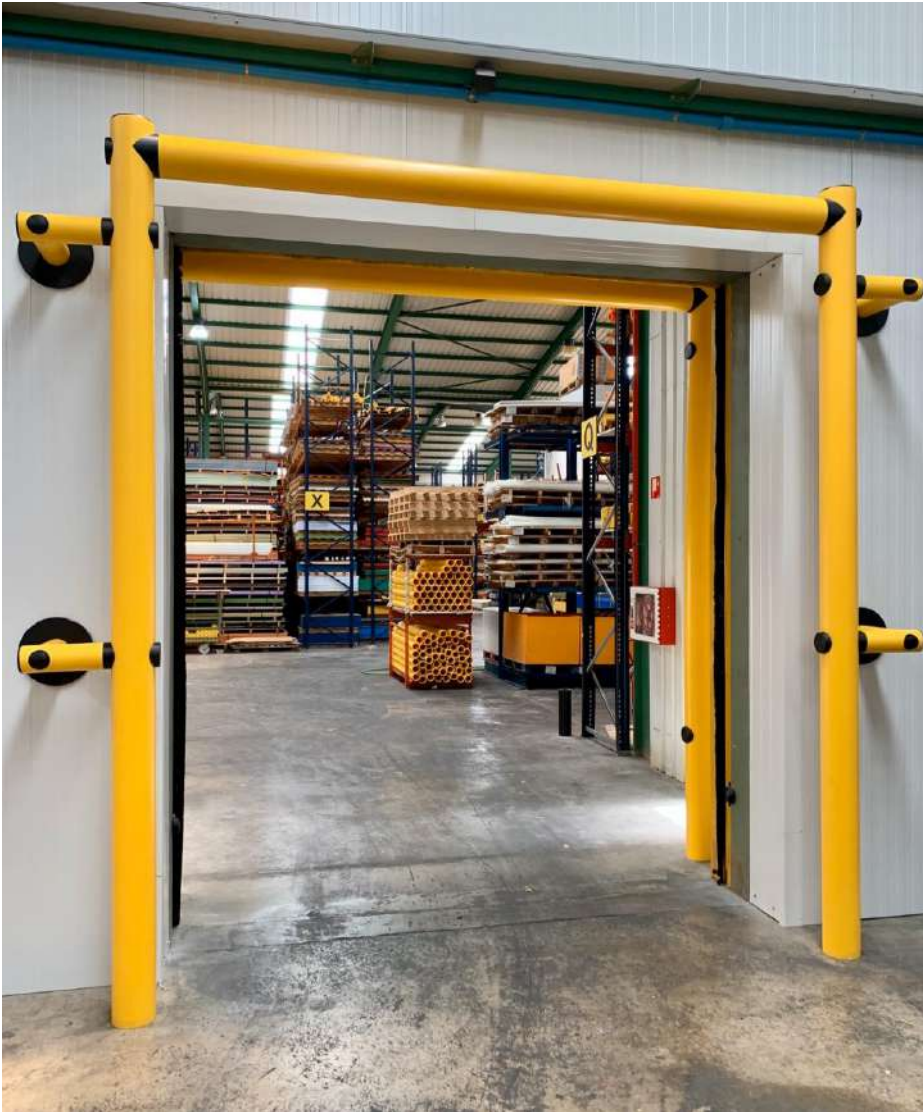


Ensamblaje brazo a pared/panel
Assembling the arm to the wall/panel



Fijación peana posterior
Rear base fixation

PTH PERIMETER DOOR PROTECTION





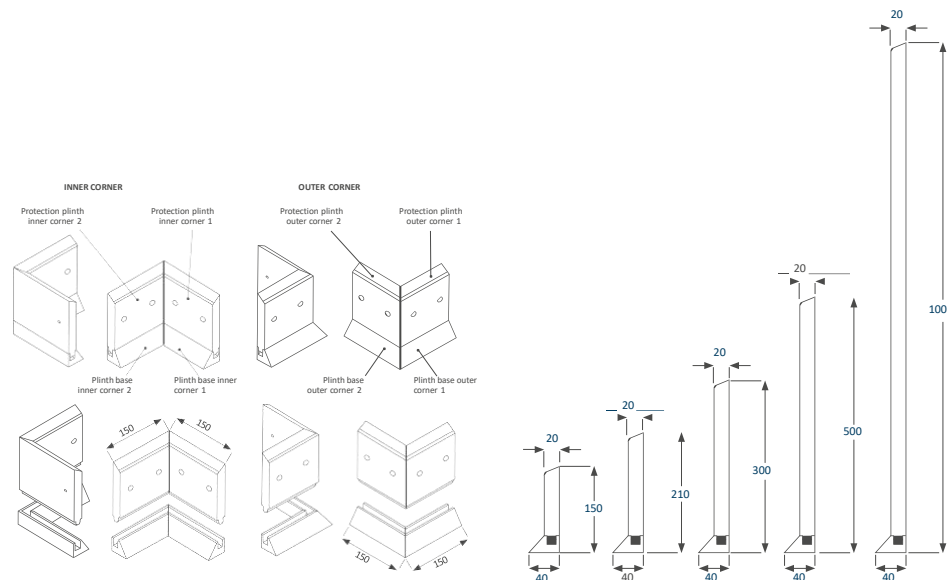


PANELCHOK			OTHER PRODUCERS		
	90° IMPACT	45 °IMPACT		90° IMPACT	45 ° IMPACT
PCK POST 140	26.900 J		POST 190	6.900 J	
PCK POST 120	17.405 J		POST 190	6.900 J	
PCK POST 100	12.800 J		POST 190	6.900 J	
PTH POST 110	15.051 J		POST 190	6.900 J	
PCK GUARDRAIL 120	36.425 J	72.850 J	GUARDRAIL 190	15.100 J	30.200 J
PCK GUARDRAIL 100	19.850 J	39.700 J	GUARDRAIL 158	10.200 J	20.400 J
PCK GUARDRRAIL 70	7.470 J	14.940 J	GUARDRAIL 100	2.700 J	5.400 J
PTH GUARDRAIL 110	6.200 J	12.400 J	GUARDRAIL 100	2.700 J	5.400 J
PTH GUARDRAIL 170	16.100 J	32.200 J	GUARDRAIL 190	15.100 J	30.200 J
PTH DOUBLE GUARDRAIL 170	21.360 J	42.720 J	DOUBLE GUARDRAIL 190	20.500 J	41.000 J

PLINTH PP500

USES

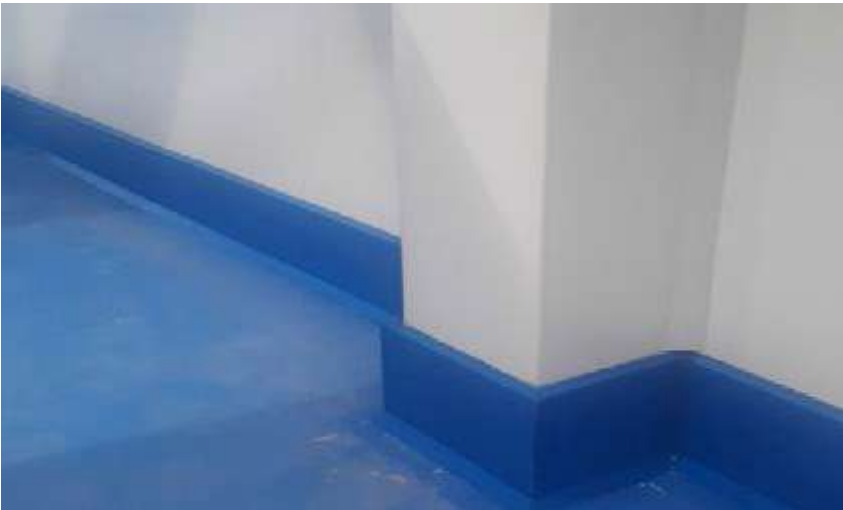
- Unbreakable high density polyethylene (HDPE)
- Two-piece system.
- Fixing to floor and wall.
- Easy to install.
- Hidden screws.
- Lengths in 2000mm sections.
- High impact resistance.
- Heights 150 mm, 210 mm, 300 mm, 500 mm and 1000 mm.
- Others, please consult.

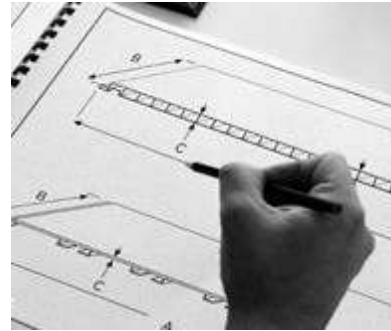


DATOS TÉCNICOS BORDILLOS PP-500

Density (g/cm ³)		0,91
Breaking elongation %		70
Application temperature	T _{máx} (°C)	60
Impact resistance (sample) KJ/m ²	T _{mín} (°C)	-20
Shore hardness		7
Linear expansion ratio (mean) K-1		72
Fire reaction DIN 4102		1,6 . 10 ⁻⁴
Chemical resistance: Acids, alkalis		B2
Organic solvents		Excellent
Tensile E-Module		1400

PLINTH PP500





CUSTOMIZED PROJECTS



HEIGHT - SPECIAL PIECES - COLOR - SIZE - DIAMETER

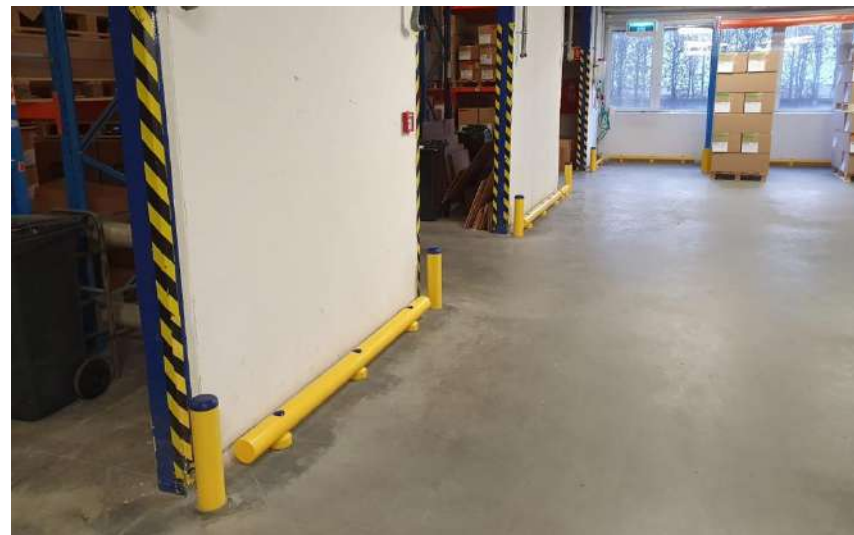
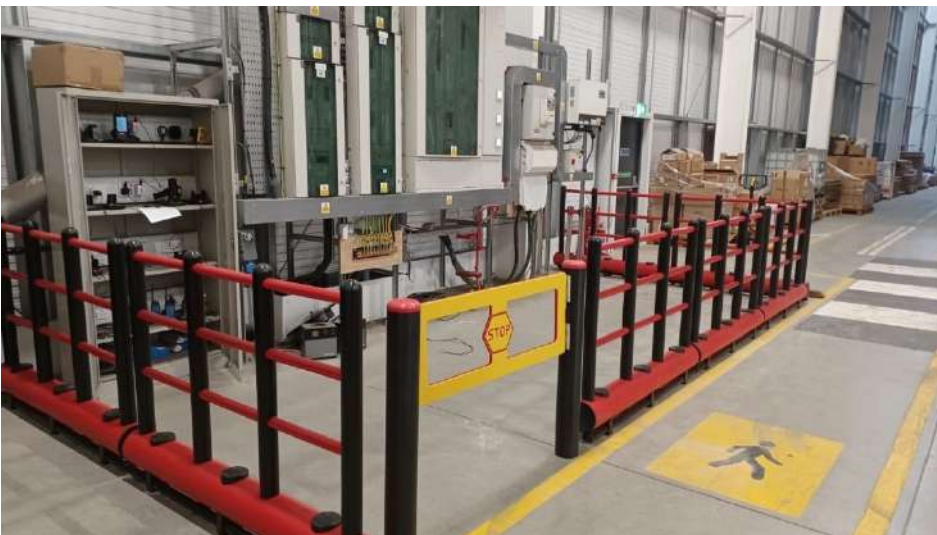
PANELCHOK SOLUTIONS



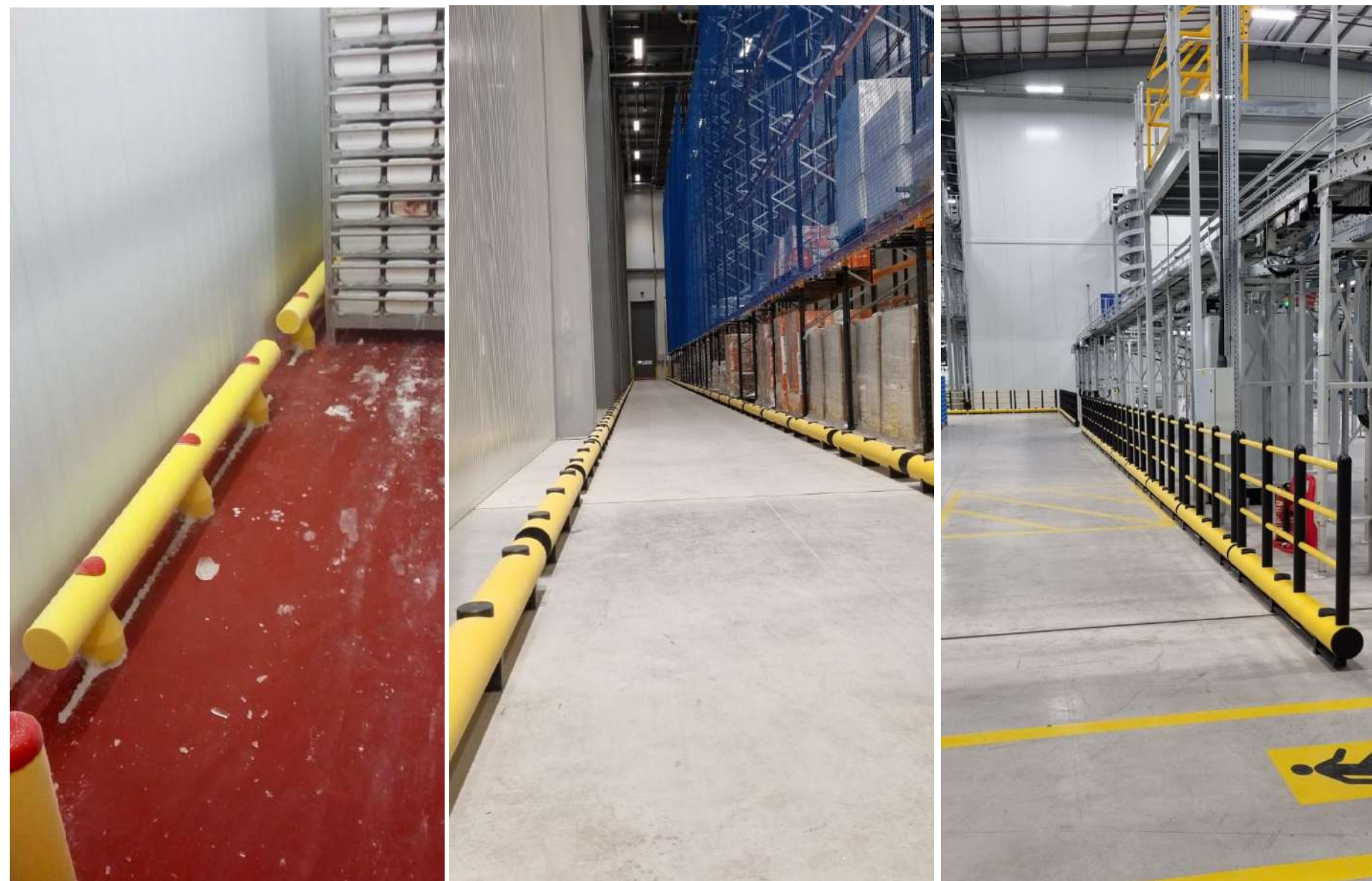
PANELCHOK SOLUTIONS



PANELCHOK SOLUTIONS



PANELCHOK SOLUTIONS



PANELCHOK VS OTHER SOLUTIONS



STEEL BARRIER

- HIGH MAINTENANCE COST
- REPARATION COST DOUBLE THAN INSTALLATION
- CORROSION
- FLOOR DESTRUCTION AFTER IMPACT

PANELCHOK VS CONCRETE AND STAINLESS STEEL PLINTHS



- NO MECHANICAL TESTS
- IMPACT ENERGY TRANSFERRED DIRECTLY TO THE WALL
- NO REPARATION POSSIBLE
- UNHYGIENIC SILICONE JOINTS
- IMPACT ENERGY TRANSFERRED DIRECTLY TO THE WALL
- COMPLICATED FINISHING OF INSIDE AND OUTSIDE CORNERS
- HIGH MAINTENANCE COSTS: PAINTING, JOINT FILLING
- DIFFICULT TO INSTALL

OTHER “CRASH” BARRIERS

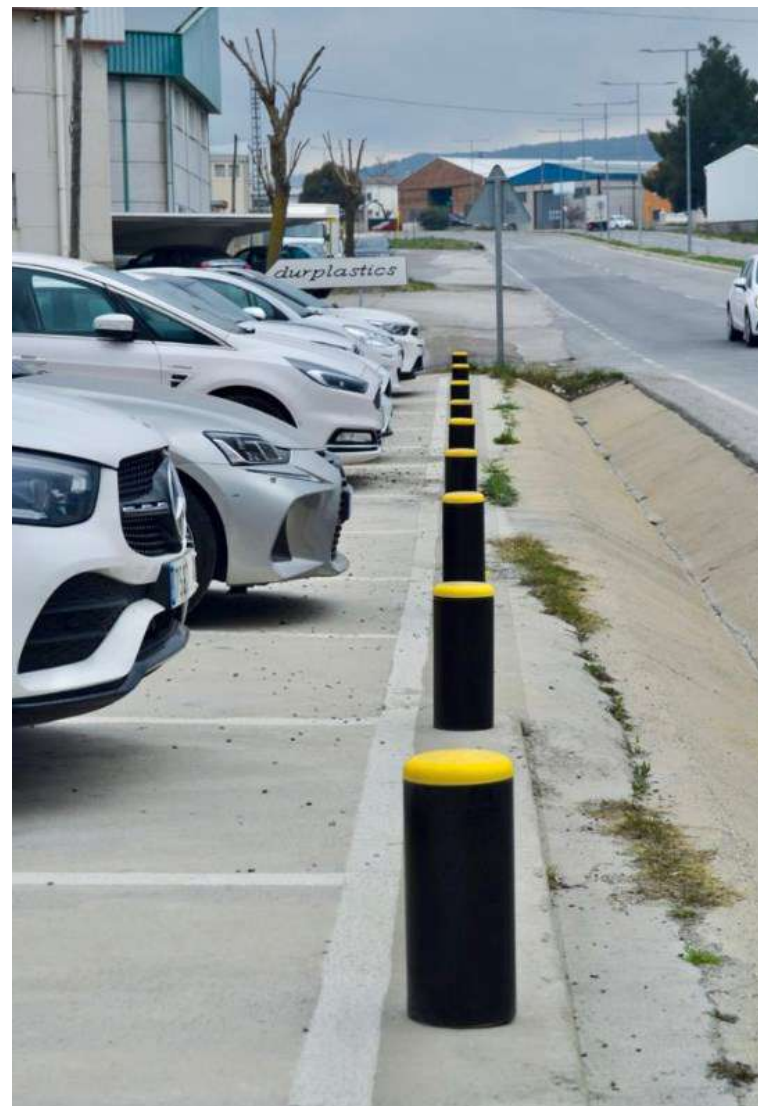
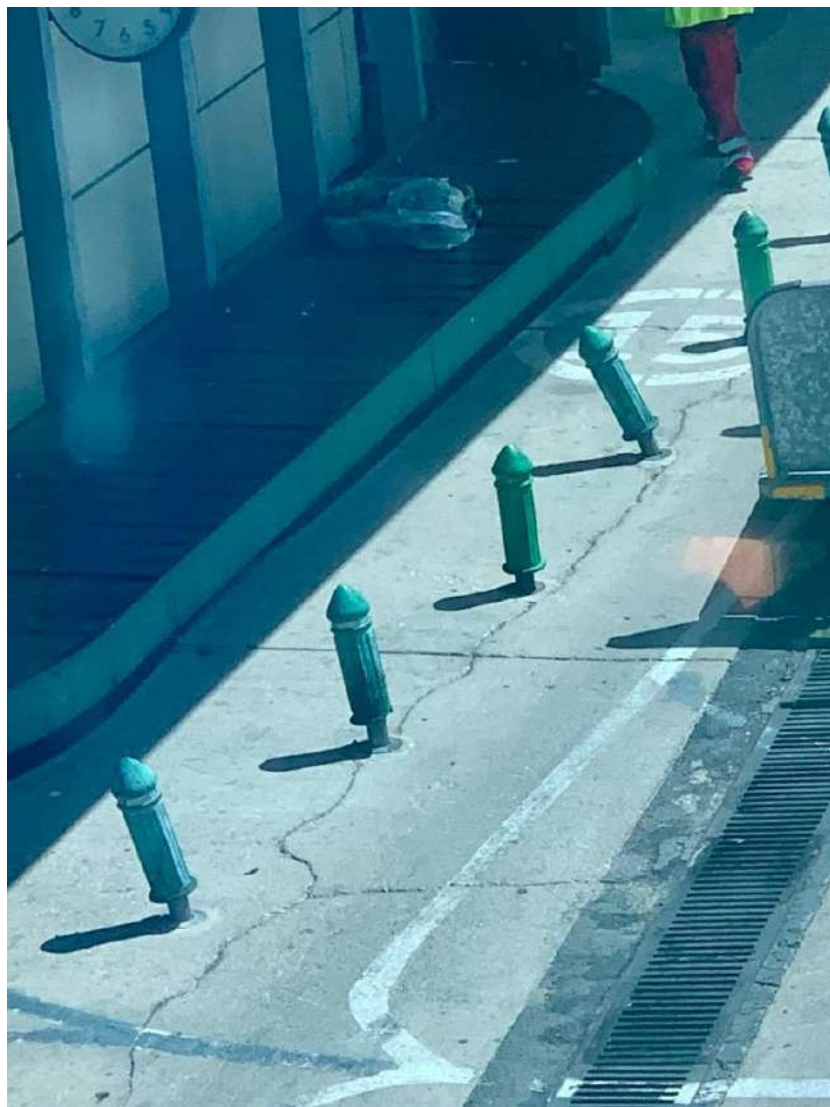


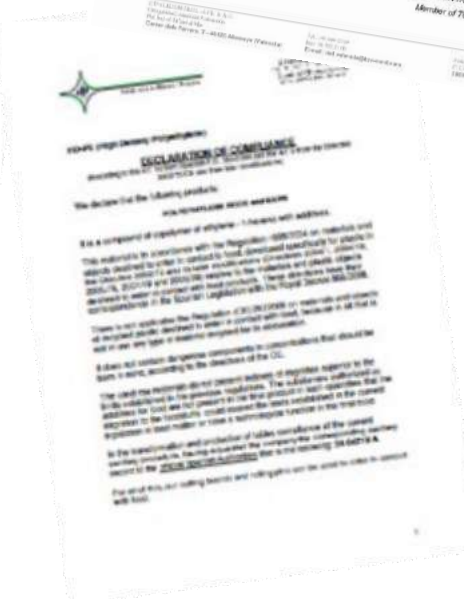
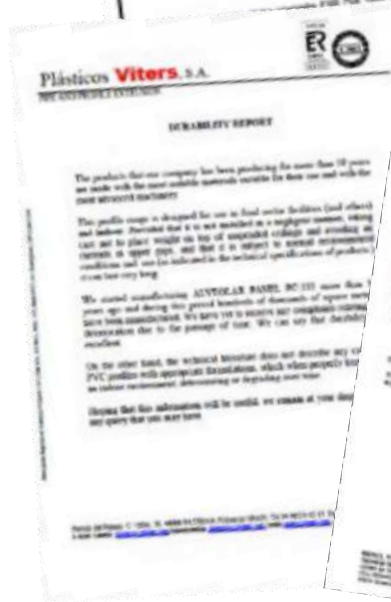
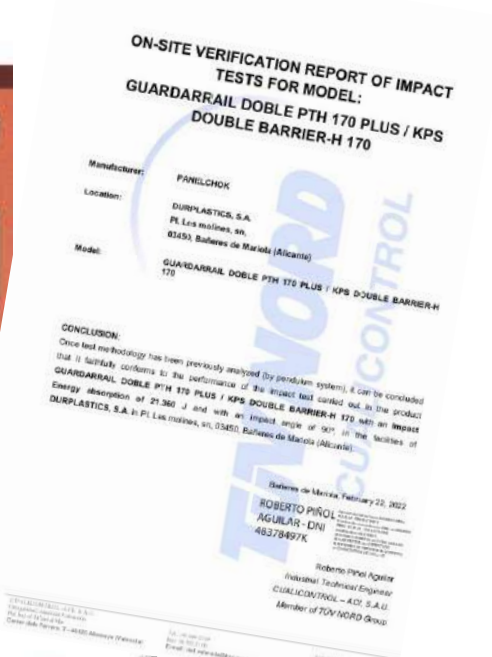
- JUST HOLLOW TUBE
- REPARATION COST DOUBLE THAN INSTALLATION
- POOR RESISTANCE ON THE ANCHORAGE
- BREAKS THE FLOOR
- NO POSSIBILITY TO REPAIR

OTHER “CRASH” BARRIERS









OUR CLIENTS



OUR SOLUTIONS ARE SUCCESSFULLY INSTALLED IN:

- SKODA
- EL POZO – SPAIN / RUSSIA
- DR. OETKER
- CAMPOFRIO
- CONAD DEL TIRRENO
- BERTAGNI 1882
- WILD KARTOFFELN
- NOVARTIS
- BIMBO
- COCA COLA
- VALLS COMPANYS GROUP
- DHL
- FARM FRITES
- GLAXO
- TESCO
- PORCELANOSA
- MERCADONA
- SUPERMERCADOS PERUANOS
- EVIAN
- EURO CHAMP
- ALDI
- CASARRIGONI
- PINGO DOCE
- MAKRO
- FLORETTE
- PIZZOLI
- VLEESWAREN DE COCK
- BOMÈ
- AND MANY OTHERS...

About Management

Ulhas Keshavsingh Vatpal

Founder and CEO

A dynamic force in the HVAC & R industry, renowned for his expertise in reorganizing and restructuring business development and sales teams.

With a background in Mechanical Engineering from VJTI, Mumbai and an MBA in Marketing Management from IBMS, Mumbai, he combines technical expertise with strategic acumen. His journey, enriched by roles in esteemed organizations, has consistently delivered exceptional results. His unique talent lies in translating business initiatives and marketing strategies into tangible bottom-line results, driving sales, revenue, and client growth.

19+ years in HVAC

Collaborator

Communicator

Motivator

Visionary

Signature Skills

Leadership ■ Project Enhancement
 ■ Market Entry Pioneer ■ Strategic
 Leadership ■ Market Expansion ■
 Sales Excellence ■ ROI & EBITA
 Improvement

Active Committee Member



Past Professional Roles



Connect with Ulhas on [LinkedIn](#) to explore potential collaborations and opportunities for remarkable growth





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