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**'24**

**CATALOG**



**RAYSAN**



**Flexible Barrier**

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**PuffyGuard**

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**C O M P A N Y P R O F I L E**

As Raysan, our main theme is the provision of occupational health and workers' security, and however, it is the protection of buildings, vehicles and equipment, infrastructures and most important, by revealing the fastest and optimal products to the developing and changing requirements of the industry in global sense.

Raysan, industrial structures, logistics warehouses, production facilities, chemical production and storage facilities, the most demanding working environments such as air areas, the production of flexible, durable and high efficiency security barriers of Turkey's first and only local firm.

Instead of steel barriers, high-tech plastic raw materials develop, develop and produce high quality and innovative products by developing a variety of tests.

As Raysan, we commit to the advantage of being a manufacturer and provide solutions to meet their customers' expectations and specific needs. We constitute our value chain with customer satisfaction and continuous self-development passion.



*ACTIVE EXPORT TO 40+ COUNTRIES*



**Q U A L I T Y P O L I C Y**

As a Raysan Barrier, we aim to offer local and international quality standards, customer expectations, exactly in our flexible barrier productions or in our field practices, and our products are always on the quality of our products, business and human health always aim to provide services. We work with perseverance and passion for our products and services to be customer-oriented. We continuously support our quality system with risk-based approaches and employee training to make sustainable.

# OUR TECHNOLOGY AND ADVANTAGES



## NEW GENERATION FLEXIBLE BARRIER SYSTEMS

Raysan Barrier Engineers calculate the plastic shape change limit of the environment according to carrier equipment type, weight and operating speed parameters. Raysan Flexible Barriers resist all impacts. The Plastic shape returns to its original shape over and over after the impacts of the different weights and speed below the endurance limit.

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www.raysanbarrier.com



## RAYSAN

Longevity

Corrosion Resistance

Chemical Resistance

UV Ray Resistance

Superior Impact Resistance

Flexible

Modular Design

Economic

Hygienic

Maintenance Free

Electrical Insulation

Easy to Carry

Fast % Easy to Demount

100% Recycle

**RAYSAN**

# TRAFFIC AND SAFETY BARRIERS

## PRODUCT LINE UP

Flexible barrier products designed by our engineers to protect both your production equipment and your staff in the new generation occupational health and safety systems, designed in accordance with the needs of the era.

There are products that different sectors need for different occupational safety, while the flexible barrier offers products suitable for almost all sectors. Models of different types and diameters for their needs, with a 1R barrier with a height limit to protect low-rise equipment and shelf ends.

With the different models of the 1R barrier designed for the ground and a little above, you can reach a height of 1 meter and provide pedestrian discomfort. The basic protection point remains at the ground and slightly above.



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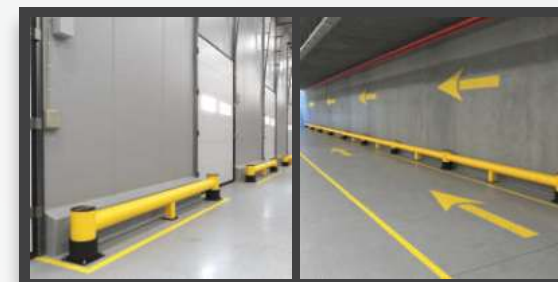
## 1R BARRIER

- Plate Dimension : **ALFA** 290mm/11.41" - **DELTA** 245mm/9.64" - **ZETA** 190mm/7.48"
- Rail Dimension : **ALFA** Ø200mm/Ø7.87" - **DELTA** Ø160mm/Ø6.29" - **ZETA** Ø125mm/Ø4.92"
- Standard Height : 470mm/18.50"<sup>MAX</sup> - 395mm/15.55"<sup>MIN</sup>
- Rail Length : 3000mm/118.11"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



## 1R BARRIER PLUS

- Plate Dimension : **ALFA** 290mm/11.41" - **DELTA** 245mm/9.64" - **ZETA** 190mm/7.48"
- Rail Dimension : **ALFA** Ø200mm/Ø7.87" - **DELTA** Ø160mm/Ø6.29" - **ZETA** Ø125mm/Ø4.92"
- Standard Height : 470mm/18.50"<sup>MAX</sup> - 395mm/15.55"<sup>MIN</sup>
- Rail Length : 6000mm/236.22"<sup>MAX</sup> - 2000mm/78.74"<sup>MIN</sup>



## BUMPER BARRIER

- Plate Dimension : **DELTA** 240mm/9.44" - **ZETA** 200mm/7.87"
- Rail Dimension : **DELTA** Ø200mm/Ø7.87" - **ZETA** 160mm/6.29"
- Standard Height : 280mm/11.02"<sup>MAX</sup> - 240mm/9.44"<sup>MIN</sup>
- Rail Length : 3000mm/118.11"<sup>MAX</sup> - 1000mm/39.37"<sup>MIN</sup>





## 2R BARRIER

- Plate Dimension : **ALFA** 290mm/11.41" - **DELTA** 245mm/9.64" - **ZETA** 190mm/7.48"
- Rail Dimension : **ALFA** Ø200mm/Ø7.87" - **DELTA** Ø160mm/Ø6.29" - **ZETA** Ø125mm/Ø4.92"
- Standard Height : 820mm/32.28"<sup>MAX</sup> - 670mm/26.37"<sup>MIN</sup>
- Rail Length : 3000mm/118.11"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



## 2R BARRIER PLUS

- Plate Dimension : **ALFA** 290mm/11.41" - **DELTA** 245mm/9.64" - **ZETA** 190mm/7.48"
- Rail Dimension : **ALFA** Ø200mm/Ø7.87" - **DELTA** Ø160mm/Ø6.29" - **ZETA** Ø125mm/Ø4.92"
- Standard Height : 820mm/32.28"<sup>MAX</sup> - 670mm/26.37"<sup>MIN</sup>
- Rail Length : 6000mm/236.22"<sup>MAX</sup> - 2000mm/78.74"<sup>MIN</sup>



## DOUBLE BUMPER BARRIER

- Plate Dimension : **DELTA** 240mm/9.44" - **ZETA** 200mm/7.87"
- Rail Dimension : **DELTA** Ø200mm/Ø7.87" - **ZETA** 160mm/6.29"
- Standard Height : 530mm/20.86"<sup>MAX</sup> - 450mm/17.71"<sup>MIN</sup>
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 1000mm/39.37"<sup>MIN</sup>



## 3R BARRIER

- Plate Dimension : **DELTA** 245mm/9.64" - **ZETA** 190mm/7.48"
- Rail Dimension : **DELTA** Ø160mm/Ø6.29" - **ZETA** Ø125mm/Ø4.92"
- Standard Height : 1050mm/41.33"<sup>MAX</sup> - 945mm/37.20"<sup>MIN</sup>
- Rail Length : 2500mm/98.42"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



**RAYSAN**

# RACK PROTECTION BARRIERS

## PRODUCT LINE UP

Protect your shelves, whose storage bodies are the most valuable structure, with our flexible protections. With special products, you will climb the feet of your shelves and the ends of the shelves with our curtains. As the basic area for the protection of the shelves, you can protect the shelf legs and the head and end areas of the shelves, as well as you can use pallet stop barriers to prevent distribution accidents when pallets are placed behind your shelves. Effective and operationally impressive against infrastructure impacts of shelves and warehouses with shelf protection products.



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## 1R RACKEND BARRIER

- Plate Dimension : DELTA 245mm/9.64" - ZETA 190mm/7.48"
- Rail Dimension : DELTA Ø125mm/Ø4.92" - ZETA 100x100mm/3.93"x3.93"
- Standard Height : 460mm/18.11"
- Rail Length : 2300mm/90.55"<sup>MAX</sup> - 900mm/35.43"<sup>MIN</sup>



## 1R RACKEND BARRIER + KERB

- Plate Dimension : DELTA 245mm/9.64" - ZETA 190mm/7.48"
- Rail Dimension : DELTA Ø125mm/Ø4.92" - ZETA 100x100mm/3.93"x3.93"
- Standard Height : 460mm/18.11"
- Rail Length : 2300mm/90.55"<sup>MAX</sup> - 900mm/35.43"<sup>MIN</sup>



## 2R RACKEND BARRIER

- Plate Dimension : DELTA 245mm/9.64" - ZETA 245mm/9.64"
- Rail Dimension : DELTA Ø125mm/Ø4.92" - ZETA 100x100mm/3.93"x3.93"
- Standard Height : 635mm/25"
- Rail Length : 2300mm/90.55"<sup>MAX</sup> - 900mm/35.43"<sup>MIN</sup>



## 2R RACKEND BARRIER + KERB

- Plate Dimension : DELTA 245mm/9.64" - ZETA 245mm/9.64"
- Rail Dimension : DELTA Ø125mm/Ø4.92" - ZETA 100x100mm/3.93"x3.93"
- Standard Height : 635mm/25"
- Rail Length : 2300mm/90.55"<sup>MAX</sup> - 900mm/35.43"<sup>MIN</sup>



**RAYSAN**

# PEDESTRIAN AND GUARDRAIL BARRIERS

## PRODUCT LINE UP

They are pedestrian road barriers used in places where vehicles and people move side by side with our flexible barriers. We create safe zones to prevent accidents with our flexible barriers in indoor and outdoor environments where there is traffic. Our barriers are also used to guide pedestrians and traffic vehicles. It is an advanced solution product for occupational safety with our flexible barriers that ensure both life and property safety.

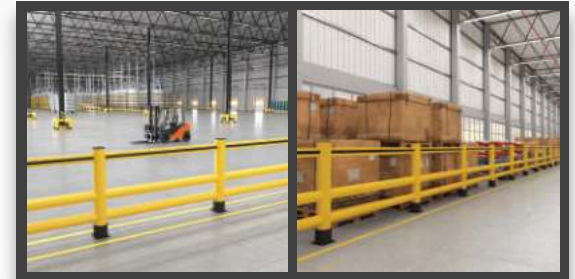


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## 2R BARRIER + HR

- Plate Dimension : ZETA 190mm/7.48"
- Rail Dimension : ZETA Ø125mm/Ø4.92"
- Standart Height : 1150mm/32.28"
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



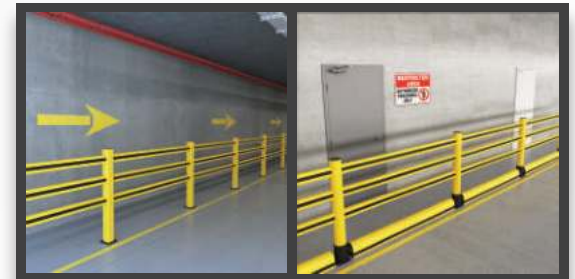
## 2R PEDESTRIAN

- Plate Dimension : TETA 160mm/6.29" - ETA 160mm/6.29"
- Rail Dimension : TETA 50x100mm/1.96"x3.93" - ETA 50x100mm/1.96"x3.93"
- Standart Height : 1150mm/45.27"
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



## 3R PEDESTRIAN

- Plate Dimension : TETA 160mm/6.29" - ETA 160mm/6.29"
- Rail Dimension : TETA 50x100mm/1.96"x3.93" - ETA 50x100mm/1.96"x3.93"
- Standard Height : 1150mm/45.27"
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>





**BUMPER BARRIER HR**

- Plate Dimension : ZETA 290mm/11.41" - TETA 290mm/11.41"
- Rail Dimension : ZETA Ø250mm/Ø9.84" - TETA Ø160mm/Ø6.29"
- Standard Height : 1100mm/43.30"
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 1000mm/39.37"<sup>MIN</sup>



**DOUBLE BUMPER BARRIER HR**

- Plate Dimension : ALFA 290mm/11.41" - ZETA 290mm/11.41"
- Rail Dimension : ALFA Ø250mm/Ø9.84" - ZETA Ø160mm/Ø6.29"
- Standard Height : 1100mm/43.30"
- Rail Length : 2000mm/78.74"<sup>MAX</sup> - 1000mm/39.37"<sup>MIN</sup>



**RAYSAN**

# BOLLARDS AND KERBS PRODUCT LINE UP

Protect your shelves, whose storage bodies are the most valuable structure, with our flexible protections. With special products, you will climb the feet of your shelves and the ends of the shelves with our curtains. As the basic area for the protection of the shelves, you can protect the shelf legs and the head and end areas of the shelves, as well as you can use pallet stop barriers to prevent distribution accidents when pallets are placed behind your shelves. Effective and operationally impressive against infrastructure impacts of shelves and warehouses with shelf protection products.



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**BOLLARD**

- Plate Dimension : DELTA 245mm/9.64" - ZETA 190mm/7.48" - TETA 160mm/6.29"
- Post Dimension : DELTA Ø200mm/Ø7.87" - ZETA 160mm/6.29" TETA 125mm/4.92"
- Standart Height : 1200mm/47.24"<sup>MAX</sup> - 600mm/23.62"<sup>MIN</sup>
- Rail Height : 500mm/19.68"<sup>MAX</sup> - 150mm/5.90"<sup>MIN</sup>



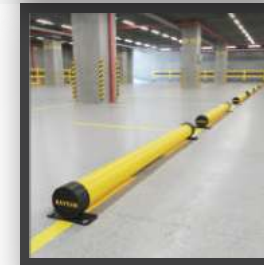
**BOLLARD + SLIDER**

- Plate Dimension : ALFA 245mm/9.64" - DELTA 190mm/7.48" - ZETA 160mm/6.29"
- Post Dimension : ALFA Ø200mm/Ø7.87" - DELTA 160mm/6.29" ZETA 125mm/4.92"
- Standart Height : 1200mm/47.24" - 900mm/35.43" - 600mm/23.62"



**WHEEL STOPPER**

- Rail Dimension : DELTA Ø200mm/Ø7.87" - TETA Ø125mm/Ø4.92"
- Standard Height : DELTA 231mm/9.09" - TETA 147mm/Ø5.78"
- Rail Length : 3000mm/118.11"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



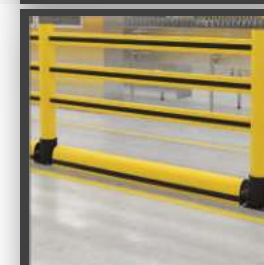
**FLOOR RAIL**

- Plate Dimension : TETA 165mm/6.49"
- Rail Dimension : TETA Ø125mm/Ø4.92"
- Standard Height : 205mm/8.07"
- Rail Length : 2500mm/98.42"<sup>MAX</sup> - 500mm/19.68"<sup>MIN</sup>



**KERB BARRIER**

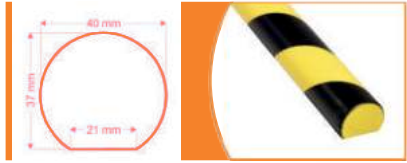
- Height : 160mm/6.30"
- Standart Length : 2000mm/78.74" - 1000mm/39.37" - 500mm/19.69"



# PuffyGuard

www.puffyguard.com

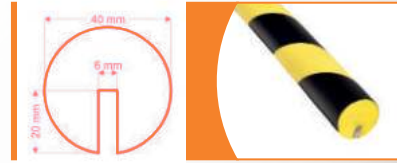
Turkish brand Puffy Guard stimulant and protective products aim to protect human health against possible occupational accidents and prevent physical injuries. It not only protects human health, but also protects machinery and fixtures, preventing disruption of your business. In this way, you can safely continue your work life and daily life.



**SURFACE & HALF CORNER PROTECTOR**



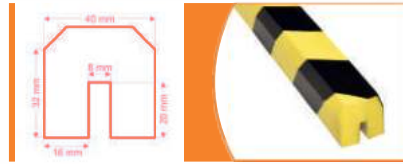
**PROFILE PROTECTOR [A2]**



**PROFILE PROTECTOR [A1]**



**WALL PANEL PROTECTOR**



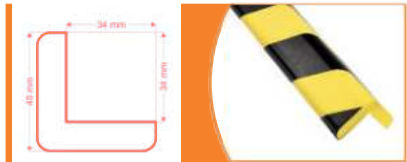
**PROFILE PROTECTOR [A3]**



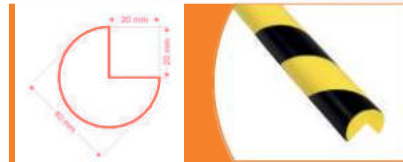
**PIPE PROFILE PROTECTOR**



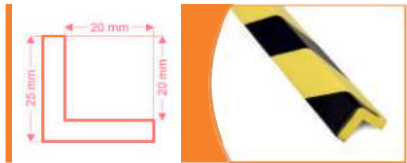
**EDGE & CORNER PROTECTOR [A1]**



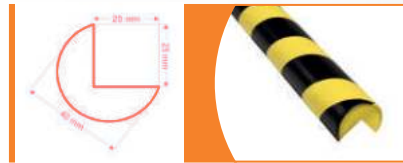
**EDGE & CORNER PROTECTOR [L1]**



**EDGE & CORNER PROTECTOR [A2]**



**EDGE & CORNER PROTECTOR [L2]**



**EDGE & CORNER PROTECTOR [A3]**





OUR REFERENCES



TESLA



BUNGE

ISUZU



3M



GOODYEAR



EGGER



B/S/H/P&G

amazon



RENAULT

PIRELLI



TOYOTA

Prysmian Group



SCHENKER

FERRERO

AkzoNobel

Mondelēz International



PEPSICO



# RAYSAN

RAYSAN

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## THINK FLEXIBLE




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