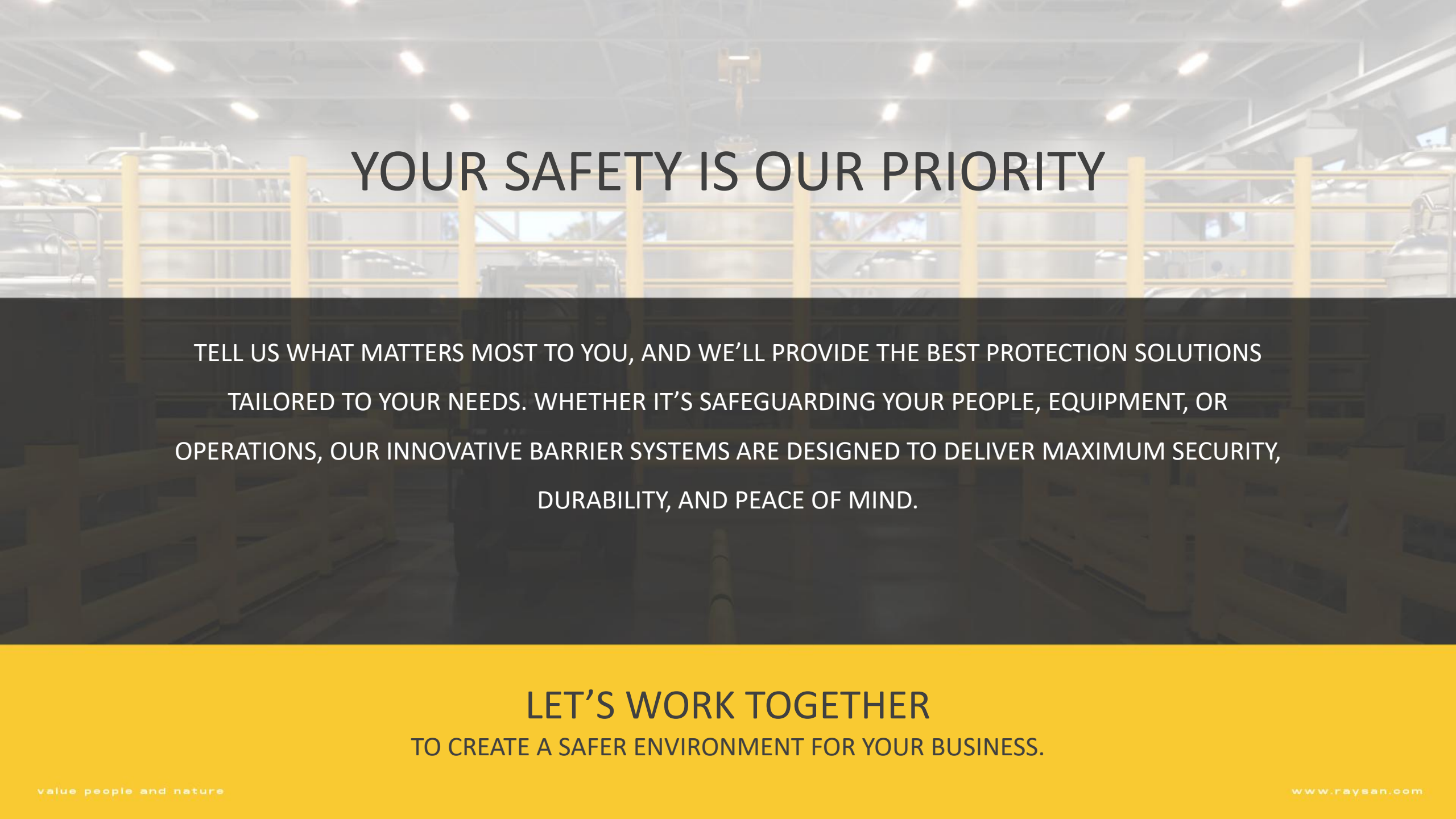




RAYSAN

Flexible Barrier POLYGUARD PuffyGuard

The background of the entire slide is a faded industrial scene. It shows a large factory or warehouse interior with high ceilings, bright overhead lights, and various pieces of industrial equipment. In the foreground and middle ground, there are prominent yellow safety railings or barriers, which are the focus of the advertisement. The overall tone is professional and safety-oriented.

YOUR SAFETY IS OUR PRIORITY

TELL US WHAT MATTERS MOST TO YOU, AND WE'LL PROVIDE THE BEST PROTECTION SOLUTIONS
TAILORED TO YOUR NEEDS. WHETHER IT'S SAFEGUARDING YOUR PEOPLE, EQUIPMENT, OR
OPERATIONS, OUR INNOVATIVE BARRIER SYSTEMS ARE DESIGNED TO DELIVER MAXIMUM SECURITY,
DURABILITY, AND PEACE OF MIND.

LET'S WORK TOGETHER
TO CREATE A SAFER ENVIRONMENT FOR YOUR BUSINESS.

RAYSAN QUALITY CERTIFICATES

TUV NORD ISO 9001:2015

Quality Management System

TÜRKAK ISO 14001:2015

Environmental Management System

TS ISO 45001

Occupational Health and Safety Management System

TÜV-NORD PAS13

Code of practice for industrial safety barriers

ISO



Steel Barrier

Flexible Barrier

YOUR SAFETY IS OUR PRIORITY

It provides safe protection without any deformation of your equipment, the ground and the barrier itself as a result of impact.



SUPERIOR IMPACT RESISTANT

Thanks to the flexibility provided by its patented raw material, it absorbs the impact and proves a high level of impact resistance performance in Pendulum impact tests.



IMPACT ABSORBING

Since it dampens the impact it receives within itself, it puts minimum load on the connection equipment and minimizes the damage that may occur on the ground.



NO MAINTENANCE

- Thanks to its flexible structure, there is no need to fix any crushing on the barriers.
- Thanks to its self-colored structure, it does not require paint after impact.
- Very easy to clean when dirty.



MODULAR STRUCTURE

Thanks to its modular structure, it can be easily transported and transformed. In this way, the product already produced specifically for you can keep up with your layout change.



OTHER FEATURES

- ✓ 100% Recycable
- ✓ Economic
- ✓ Hygienic
- ✓ Resistant to UV Rays
- ✓ Corrosion Resistant
- ✓ Chemical Resistant
- ✓ Electrical Insulated
- ✓ Longevity



PRODUCT TEST & ANALYSIS

- ✓ TUV Nord PAS13 Pendulum Test
- ✓ Reach (SVHC) High Risk Substances
- ✓ Raw Material Technical Specifications
- ✓ Mechanical Properties Test
- ✓ Material Impact Strength Test
- ✓ Chemical Environment Condition Test
- ✓ Food Contact Suitability Test



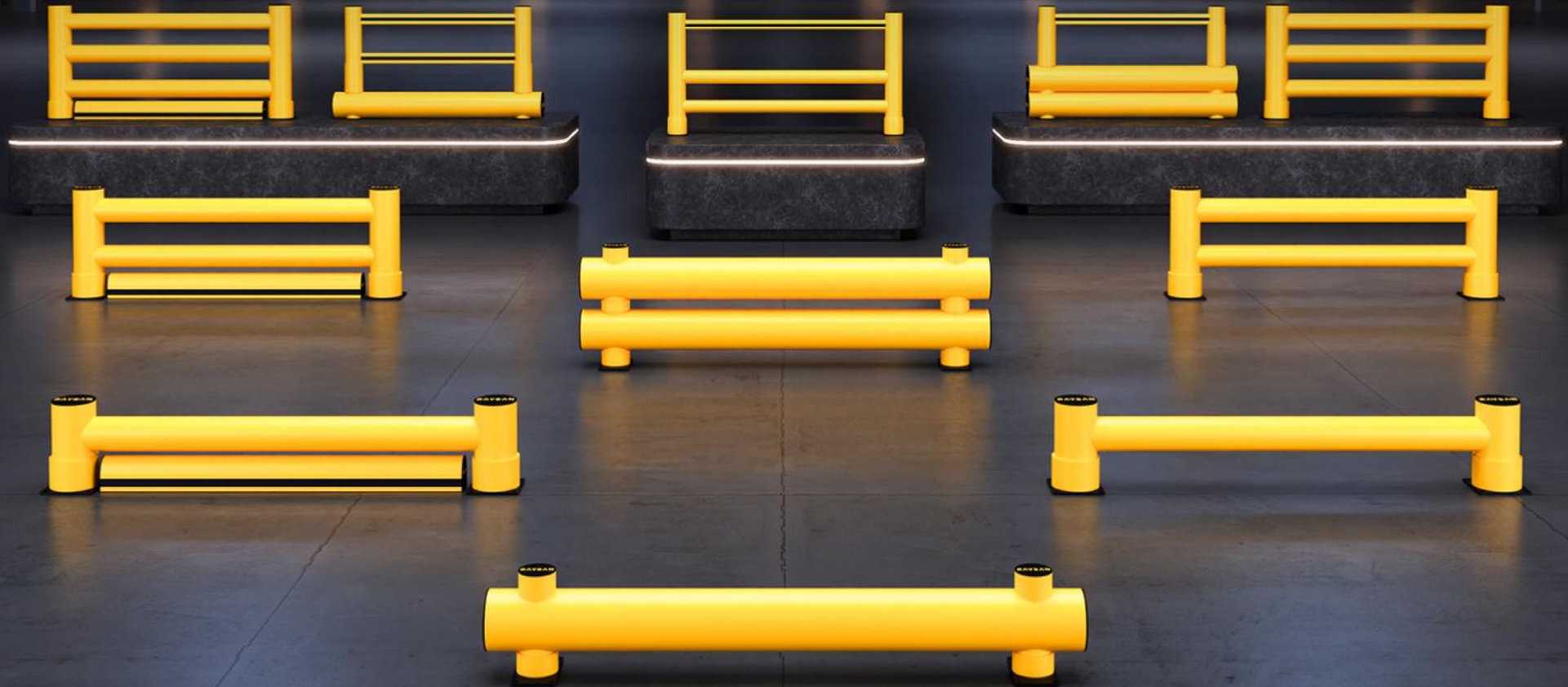


TRAFFIC AND SAFETY BARRIERS

LEARN
MORE



PROTECTION OF PEOPLE, MACHINES,
EQUIPMENT, INFRASTRUCTURE, AND
BUILDINGS AGAINST VEHICLES

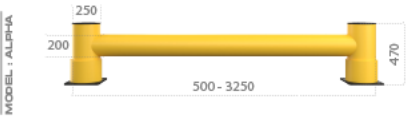


RAYSAN

Value Nature and People

www.raysan.com

1R BARRIER



SUITABLE FOR

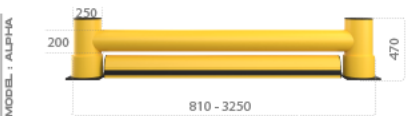


Total Weight of the vehicle lower then 5 ton

ENERGY VALUES 90° IMPACT					
ALPHA	14.600 MJ	DELTA	9.800 MJ	ZETA	5.800 MJ

Suitable for low and normal impact absorptions, from low alignment

1R BARRIER + KERB



SUITABLE FOR

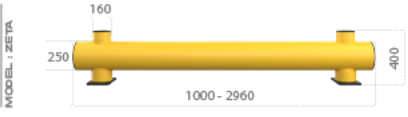


Total Weight of the vehicle lower then 5 ton

ENERGY VALUES 90° IMPACT					
ALPHA	14.600 MJ	DELTA	9.800 MJ	ZETA	5.800 MJ

Suitable for low-altitude, low and normal impact absorptions and forklift forks

1R BARRIER XL



SUITABLE FOR

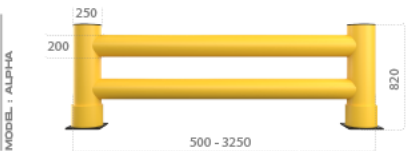


Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT					
ZETA	16.200 MJ	TETA	10.300 MJ		

Suitable for low-altitude, high impact absorptions, from low alignment

2R BARRIER



SUITABLE FOR

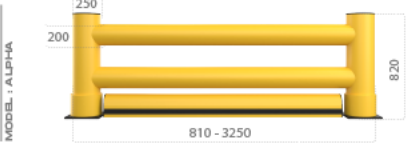


Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT					
ALPHA	19.300 MJ	DELTA	13.600 MJ	ZETA	8.900 MJ

Suitable for medium-altitude, low and normal impact absorptions

2R BARRIER + KERB



SUITABLE FOR

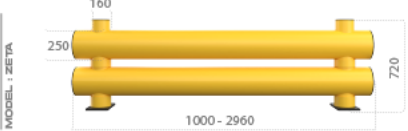


Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT					
ALPHA	19.300 MJ	DELTA	13.600 MJ	ZETA	8.900 MJ

Suitable for mid-level, low and normal impact absorptions and forklift forks

2R BARRIER XL



SUITABLE FOR



Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT					
ZETA	23.100 MJ	TETA	14.800 MJ		

Suitable for medium to high impact absorptions

STANDART COLORS

RAL 1018 PANTONE 123C

RAL 9005 PANTONE 80C

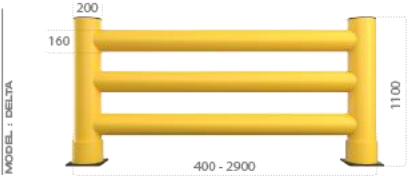
Ideal Temperature Range : -40°C / +60°C

Length, height and diameter values are in mm

TYPICAL ENVIRONMENTS

- WAREHOUSES & STORAGE FACILITIES
- DISTRIBUTION CENTERS
- TRANSPORT & LOGISTICS CENTERS
- FOOD INDUSTRY
- PARKING FACILITIES
- LOGISTICS SUPPLY CHAIN
- MATERIAL HANDLING INDUSTRIES
- CHEMICAL INDUSTRIES
- AVIATION

3R BARRIER



SUITABLE FOR



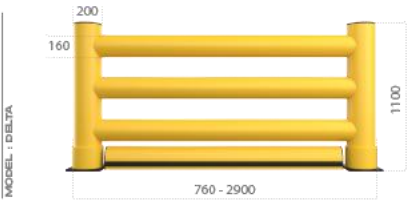
Total Weight of the vehicle over 3,5 ton

ENERGY VALUES 90° IMPACT

DELTA	17.300 J	ZETA	11.900 J
--------------	----------	-------------	----------

Suitable for high-alignment, low and normal impact absorptions

3R BARRIER + KERB



SUITABLE FOR



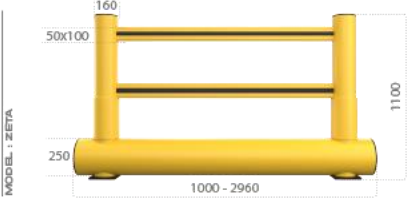
Total Weight of the vehicle over 3,5 ton

ENERGY VALUES 90° IMPACT

DELTA	17.300 J	ZETA	11.900 J
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Suitable for high-alignment, low and normal impact absorptions and forklift forks

1R BARRIER XL HR



SUITABLE FOR



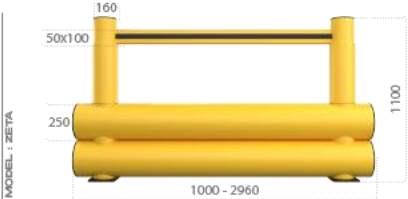
Total Weight of the vehicle over 3,5 ton

ENERGY VALUES 90° IMPACT

ZETA	16.200 J	TETA	10.900 J
-------------	----------	-------------	----------

Suitable for low level, high impact absorptions and separating pedestrians from traffic

2R BARRIER XL HR



SUITABLE FOR



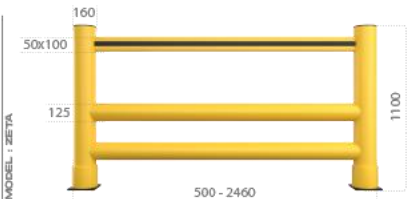
Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

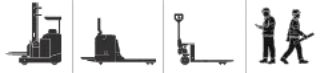
ZETA	23.100 J	TETA	14.800 J
-------------	----------	-------------	----------

Suitable for mid-level, high impact absorptions and separating pedestrians from traffic

2R BARRIER HR



SUITABLE FOR



Total Weight of the vehicle lower then 2 ton

ENERGY VALUES 90° IMPACT

ZETA	8.900 J
-------------	---------

Suitable for medium, low and normal impact absorptions and for separating pedestrians from traffic

ADVANTAGES

- IMPACT RESISTANCE AND FLEXIBILITY
- EASY INSTALLATION THANKS TO MODULAR DESIGN
- EASY TO CUSTOMIZE AND EXPAND
- OPTIMAL VISIBILITY
- RESISTANCE TO CHEMICALS AND UV RADIATION
- LOW MAINTENANCE

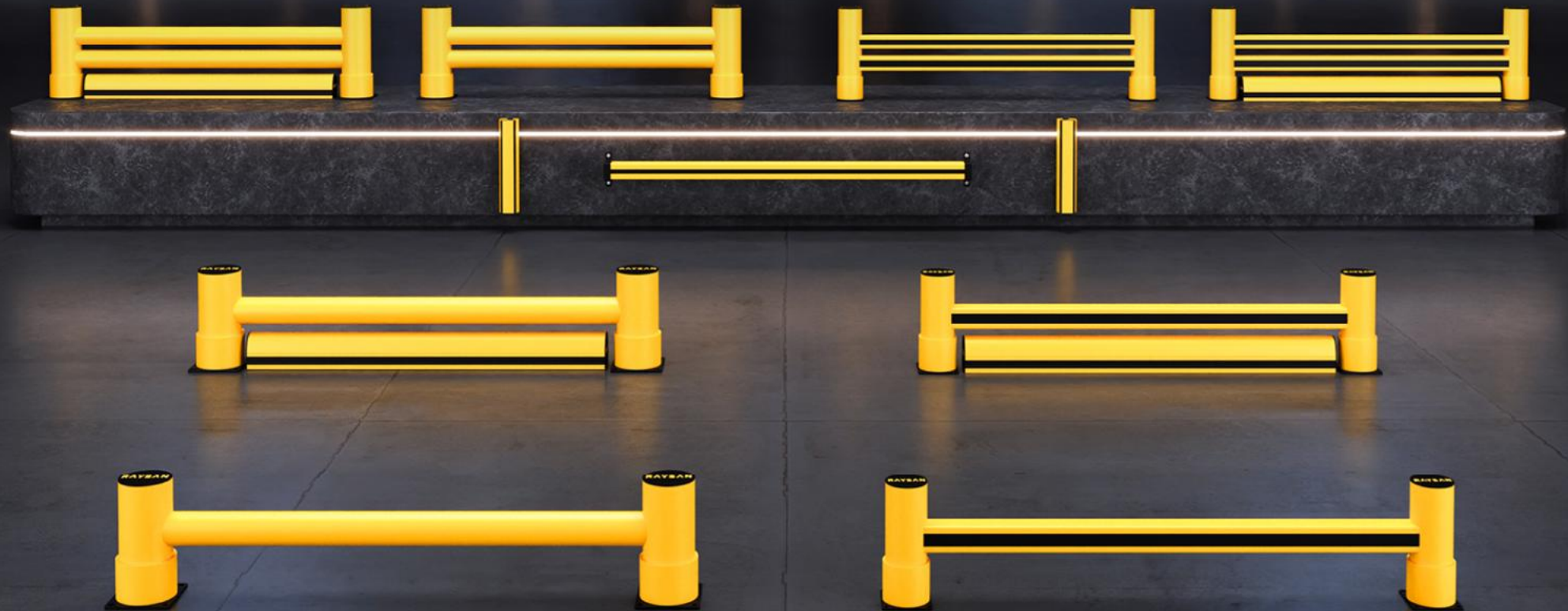


RACK PROTECTION BARRIERS

LEARN
MORE



RACKS, INVENTORY, AND STORAGE SYSTEMS
ARE PROTECTED FROM VEHICLE IMPACT AND
DAMAGE, ENSURING SAFETY AND
OPERATIONAL EFFICIENCY.



RAYSAN

Value Nature and People

www.raysan.com

RACKFORT™



SUITABLE FOR

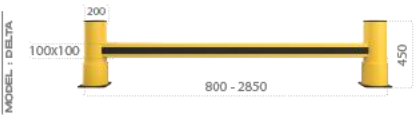


ENERGY VALUES 90° IMPACT

S-M-L 1.481 J_{0.50 L/s}

Suitable for medium to high impact absorptions of rack legs

1R DELTA RACK END BARRIER



SUITABLE FOR

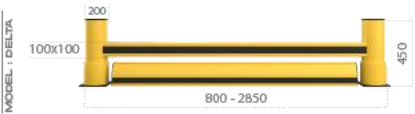


ENERGY VALUES 90° IMPACT

DELTA 6.100 J_{0.50 L/s}

Suitable for high impact absorptions from low level to shelf ends

1R DELTA RACK END BARRIER + KERB



SUITABLE FOR



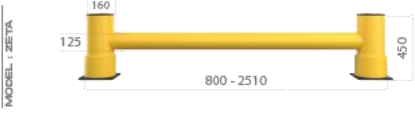
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

DELTA 6.100 J_{0.50 L/s}

Suitable for low and normal impact absorptions from low level to
rack ends and forklift forks

1R ZETA RACK END BARRIER



SUITABLE FOR



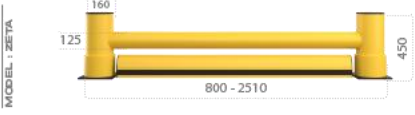
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

ZETA 5.800 J_{0.50 L/s}

Suitable for low and normal impact absorptions from low level to
rack ends

1R ZETA RACK END BARRIER + KERB



SUITABLE FOR



Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

ZETA 5.800 J_{0.50 L/s}

Suitable for low and normal impact absorptions from low level to
rack ends and forklift forks

STANDART COLORS

RAL 1018 PANTONE 1230

RAL 9005 PANTONE 800

Ideal Temperature Range : -40°C / +60°C

Length, height and diameter values are in mm

TYPICAL ENVIRONMENTS

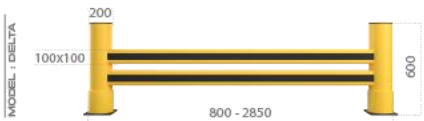
- WAREHOUSES AND STORAGE
- FACILITIES- DISTRIBUTION CENTERS
- TRANSPORT & LOGISTICS CENTER
- LOGISTICS, SUPPLY CHAIN, AND MATERIAL HANDLING INDUSTRIES
- FOOD INDUSTRY
- PHARMACEUTICAL INDUSTRY



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2R DELTA RACK END BARRIER



SUITABLE FOR



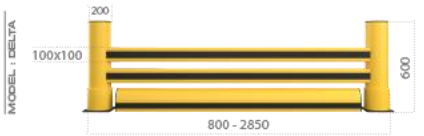
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

DELTA 11.100 Joule

Suitable for high impact absorptions from the center line
to the end of the rack

2R DELTA RACK END BARRIER + KERB



SUITABLE FOR



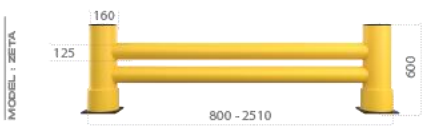
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

DELTA 11.100 Joule

Suitable for low and normal impact absorptions from mid-level
to rack ends and for forklift forks

2R ZETA RACK END BARRIER



SUITABLE FOR



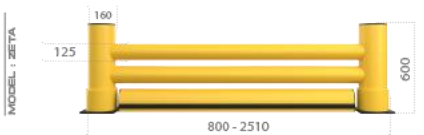
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

ZETA 8.900 Joule

Suitable for low and normal impact absorptions from the center
line to the rack ends.

2R ZETA RACK END BARRIER + KERB



SUITABLE FOR



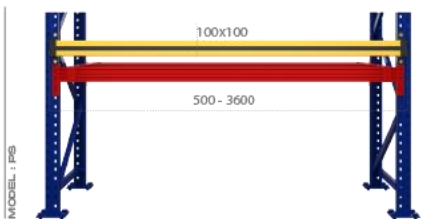
Total Weight of the vehicle
lower then 3,5 ton

ENERGY VALUES 90° IMPACT

ZETA 8.900 Joule

Suitable for low and normal impact absorptions from mid-level
to rack ends and for forklift forks

PALLET SUPPORT BARRIER



SUITABLE FOR



Total Weight of the vehicle
lower then 2 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for low and normal impact absorptions on rack backs



ADVANTAGES

- EASY INSTALLATION WITHOUT TOOLS
- RETURNS TO ITS ORIGINAL POSITION AFTER AN IMPACT
- OPTIMAL VISIBILITY: SIGNAL YELLOW
- RESISTANT TO CHEMICALS AND UV RADIATION
- LOW MAINTENANCE
- WATERPROOF
- NO PAINT OR COATING REQUIRED
- EXTREMELY LONG LIFESPAN

PEDESTRIAN BARRIERS

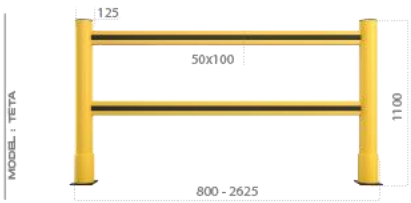
LEARN
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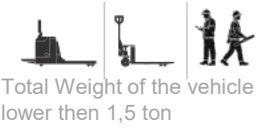
PEDESTRIANS, WALKWAYS, AND
HIGH-TRAFFIC AREAS ARE PROTECTED
FROM VEHICLE IMPACT, ENSURING SAFETY
AND PREVENTING ACCIDENTS.



2R PEDESTRIAN BARRIER



SUITABLE FOR



ENERGY VALUES 90° IMPACT

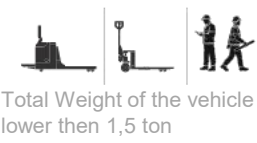
TETA 3.700 joules

Suitable for high-alignment, low impact absorptions and separating pedestrians from traffic

2R PEDESTRIAN BARRIER + KERB



SUITABLE FOR

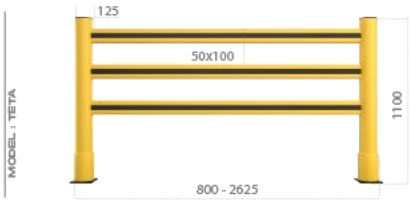


ENERGY VALUES 90° IMPACT

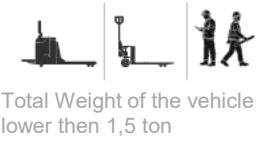
TETA 3.700 joules

From high level, low impact absorptions, suitable for preventing impacts from forklift forks and separating pedestrians from traffic

3R PEDESTRIAN BARRIER



SUITABLE FOR



ENERGY VALUES 90° IMPACT

TETA 5.400 joules

Suitable for high-alignment, medium impact absorptions and separating pedestrians from traffic

3R PEDESTRIAN BARRIER + KERB



SUITABLE FOR



ENERGY VALUES 90° IMPACT

TETA 5.400 joules

High-altitude, medium impact absorptions to prevent forklift fork impacts and suitable for separating pedestrians from traffic



TYPICAL ENVIRONMENTS

- WAREHOUSES AND STORAGE FACILITIES
- DISTRIBUTION CENTERS
- TRANSPORT & LOGISTICS CENTERS
- FOOD INDUSTRY
- PARKING FACILITIES
- LOGISTICS, SUPPLY CHAIN, AND MATERIAL HANDLING INDUSTRIES
- PETROCHEMICAL AND CHEMICAL INDUSTRIES
- AVIATION

BOLLARDS & KERB BARRIERS

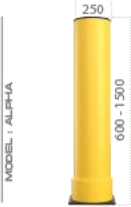
LEARN
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PROTECTIVE BOLLARD THAT SETS NEW
STANDARDS IN SAFETY, STRENGTH
AND PERFORMANCE



BOLLARD



SUITABLE FOR

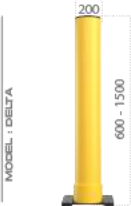


Total Weight of the vehicle lower then 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

BOLLARD + SLIDER



SUITABLE FOR



Total Weight of the vehicle lower then 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

FORKGUARD
KERB BARRIER



SUITABLE FOR



Total Weight of the vehicle lower then 3,5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

GUIDE
BARRIER



SUITABLE FOR



Total Weight of the vehicle lower then 3,5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

RESTRICTOR
BARRIER



SUITABLE FOR

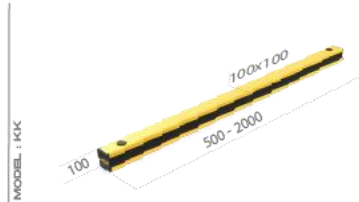


Total Weight of the vehicle lower then 2 ton

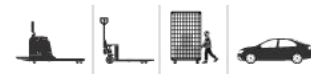
ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

KICK RAIL
KERB BARRIER



SUITABLE FOR



Total Weight of the vehicle lower then 2 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

TYPICAL ENVIRONMENTS

- CAR PARKS
- COMMERCIAL PROPERTIES
- DISTRIBUTION CENTERS
- INDUSTRIAL PROPERTIES
- LOGISTICS, SUPPLY CHAIN AND MATERIAL HANDLING
- PETROCHEMICAL AND CHEMICAL PLANTS
- TRANSPORT & LOGISTICS CENTERS
- WAREHOUSES AND STORAGE FACILITIES



COLUMN & CORNER BARRIERS

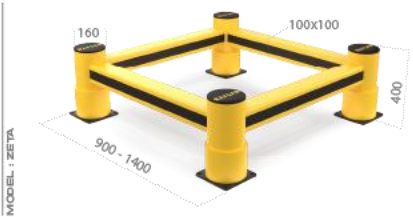
LEARN
MORE



PROTECT LOAD-BEARING PILLARS,
COLUMNS, AND CORNER AREAS MAINTAIN
THE STRUCTURAL INTEGRITY IN HIGH-TRAFFIC
OR HIGH-RISK ZONES.



1R COLUMN BARRIER



SUITABLE FOR



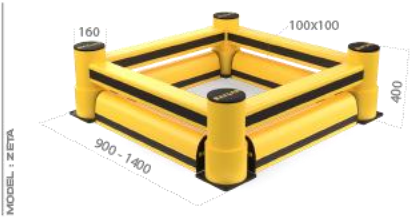
Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for high impact absorptions on columns from low level

1R COLUMN BARRIER + KERB



SUITABLE FOR



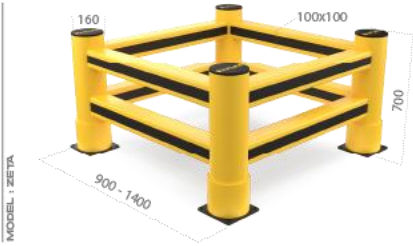
Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for low level, high impact absorptions on columns and forklift forks

2R COLUMN BARRIER



SUITABLE FOR



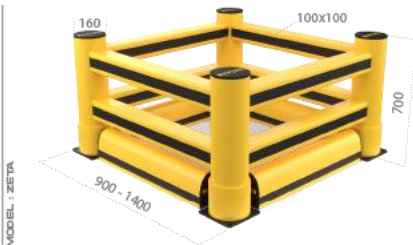
Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for high impact absorptions on the columns from the center alignment

2R COLUMN BARRIER + KERB



SUITABLE FOR



Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for high impact absorptions from the center line to the columns and forklift forks

TYPICAL ENVIRONMENTS

- WAREHOUSES AND STORAGE FACILITIES
- DISTRIBUTION CENTERS
- TRANSPORT & LOGISTICS CENTERS
- LOGISTICS, SUPPLY CHAIN, AND MATERIAL HANDLING INDUSTRIES
- PARKING FACILITY



STANDART COLORS

RAL 1018 PANTONE 1230

RAL 9005 PANTONE 800

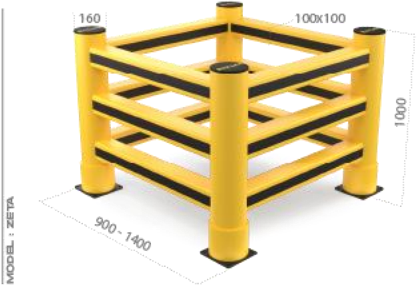
Ideal Temperature Range : -40°C / +60°C

Length, height and diameter values are in mm

Value Nature and People

www.raysan.com

3R COLUMN BARRIER



SUITABLE FOR



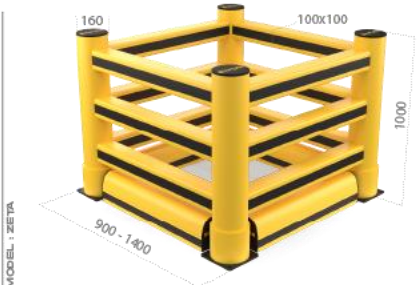
Total Weight of the vehicle over 5 ton

ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for high impact absorptions on columns from high level

3R COLUMN BARRIER + KERB



SUITABLE FOR



Total Weight of the vehicle over 5 ton

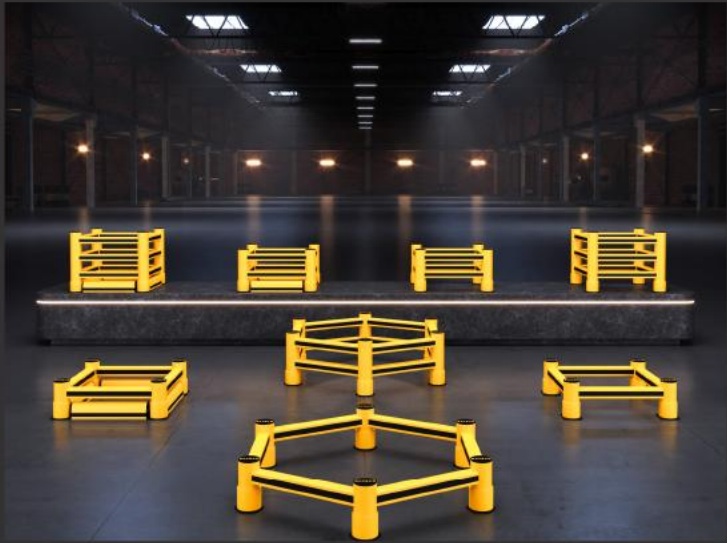
ENERGY VALUES 90° IMPACT

PLEASE CONTACT FOR INFORMATION

Suitable for high impact absorptions at high level, on columns and for forklift forks

ADVANTAGES

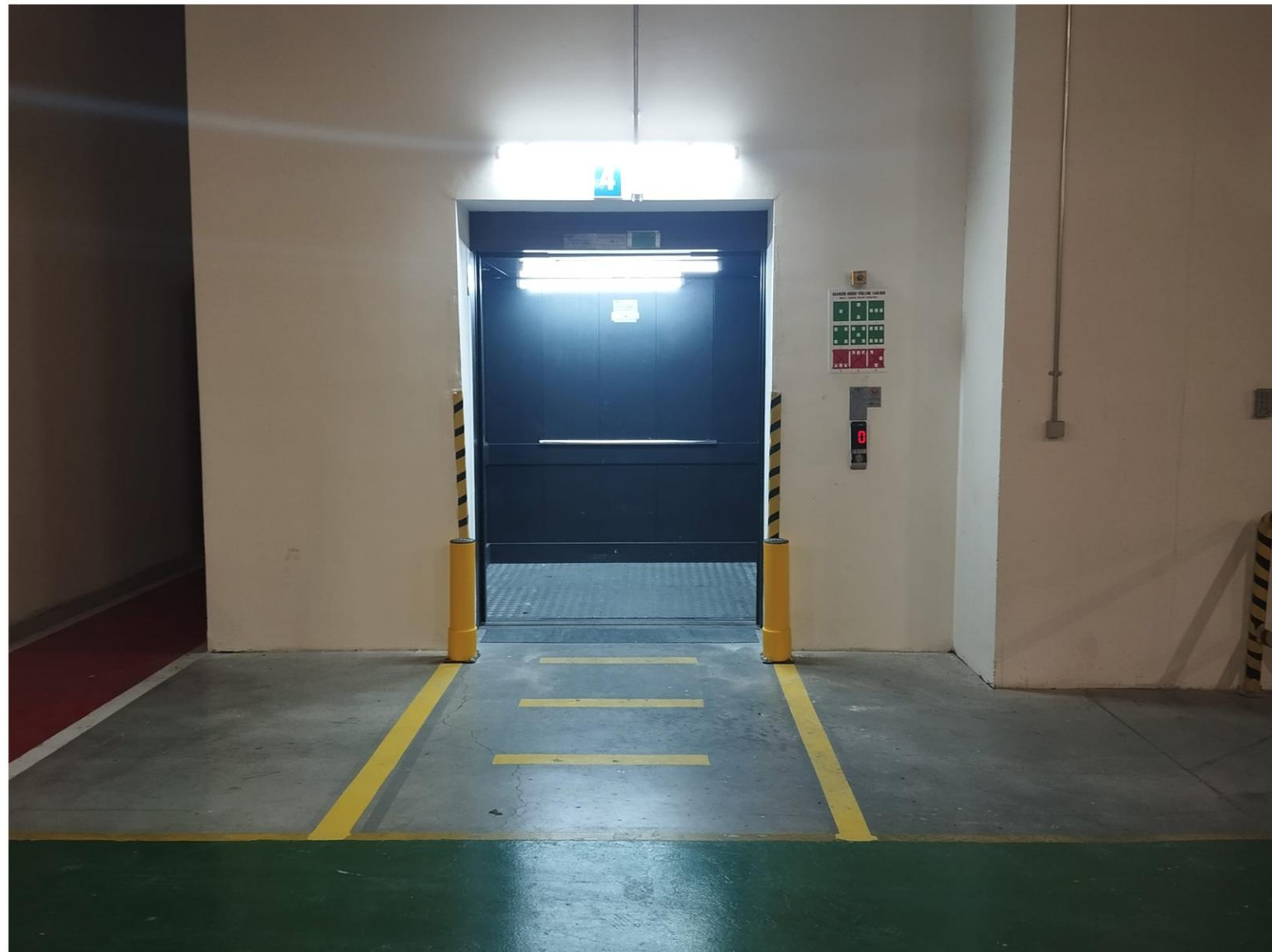
- FAST INSTALLATION
- CHEMICALS RESISTANT
- UV RESISTANT
- LOW MAINTENANCE
- WATERPROOF
- NO PAINT OR COATING REQUIRED
- EXTREMELY LONG LIFESPAN
- PHARMACEUTICAL INDUSTRY



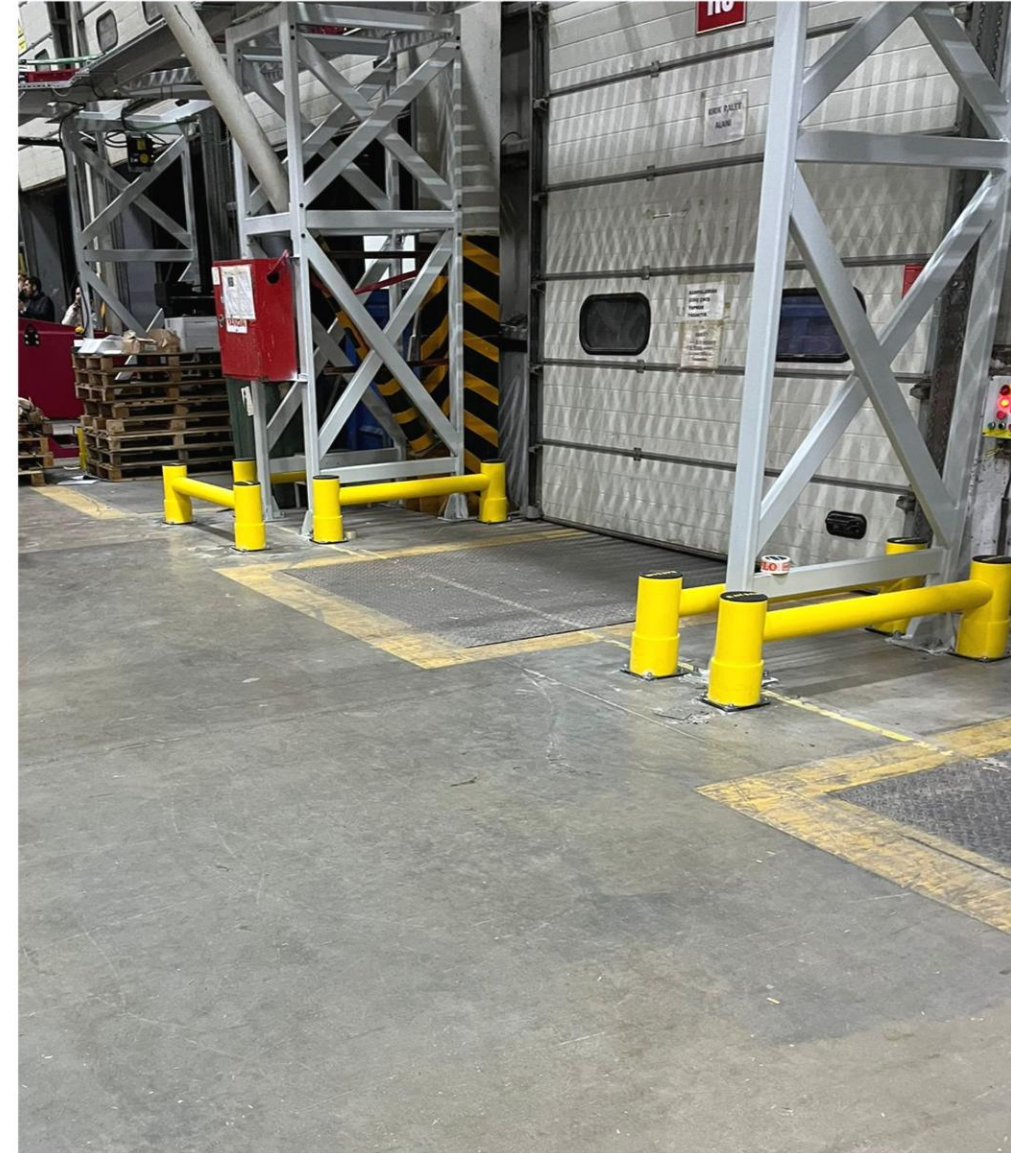
APPLICATION EXAMPLES



APPLICATION EXAMPLES



APPLICATION EXAMPLES



APPLICATION EXAMPLES



APPLICATION EXAMPLES



APPLICATION EXAMPLES



APPLICATION EXAMPLES



THINK FLEX- IBLE



YOUR **TRUSTED** PARTNER

As Raysan, we are proud to pioneer the future of industrial safety. With our state-of-the-art flexible protective barriers and solutions, we are at the forefront of innovation, protecting workplaces around the world. Our commitment to excellence and unwavering dedication to advancing safety standards has propelled us to the top of the industry.

RAYSAN Flexible Barrier
POLYGUARD
PuffyGuard

 **FABRİKA 1** Karadenizliler Mah. Kaldırım Sok. No: 12, 41140 Kocaeli / TÜRKİYE

 **FABRİKA 2** Vezirçiftliği Mah. Yalkım Sok. No: 12, 41140 Kocaeli / TÜRKİYE

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*For further detailed information about the products, you can visit the product page on our website