

# RAYSAN

Flexible Barrier  
POLYGUARD  
PuffyGuard

## RESTRICTOR BARRIER

DESIGNED FOR EASY INSTALLATION, THE RESTRICTOR BARRIER PROVIDES LOW-LEVEL PROTECTION BY CONTROLLING VEHICLE ACCESS TO SPECIFIC AREAS. IDEAL FOR WAREHOUSES AND INDUSTRIAL ENVIRONMENTS, IT HELPS GUIDE TRAFFIC FLOW WHILE PREVENTING UNAUTHORIZED ENTRY INTO SENSITIVE ZONES. ITS DURABLE YET LOW-IMPACT DESIGN ENSURES RELIABLE PERFORMANCE, ENHANCING SAFETY WITHOUT OBSTRUCTING MOVEMENT OR OPERATIONS.





## STRONG AND LIGHTWEIGHT

Thanks to its unique chemical formula, our barrier surpasses steel barriers in both strength and weight. It is significantly lighter while maintaining its exceptional durability.

## MODULAR

Thanks to its modular design, our barrier effortlessly adapts to the changing needs of your facility. This flexible solution is extremely easy to install, assemble, disassemble, relocate and organize.

## CORROSION-FREE

Unlike steel barriers, our barriers are made of durable polymer materials, making them unaffected by environmental elements such as sunlight and rainwater.

## NO PAINTING OR MAINTENANCE REQUIRED

Unlike Raysan's steel barriers that require regular painting and maintenance, our self-colored structure eliminates the need for these processes. Even if the barrier is scratched due to an impact, its surface retains its original color without any change.

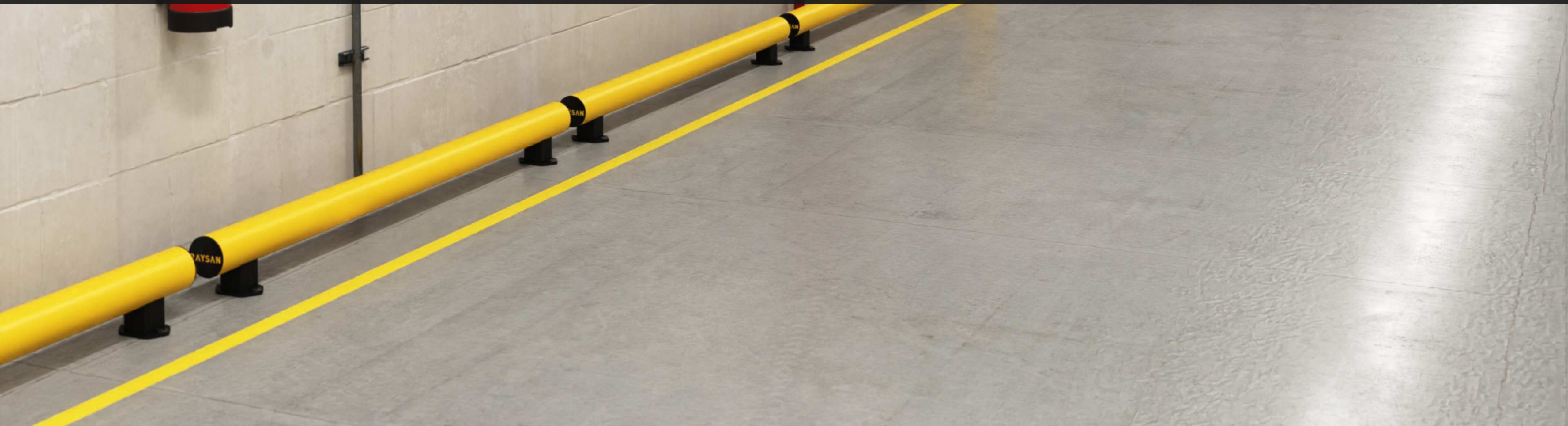
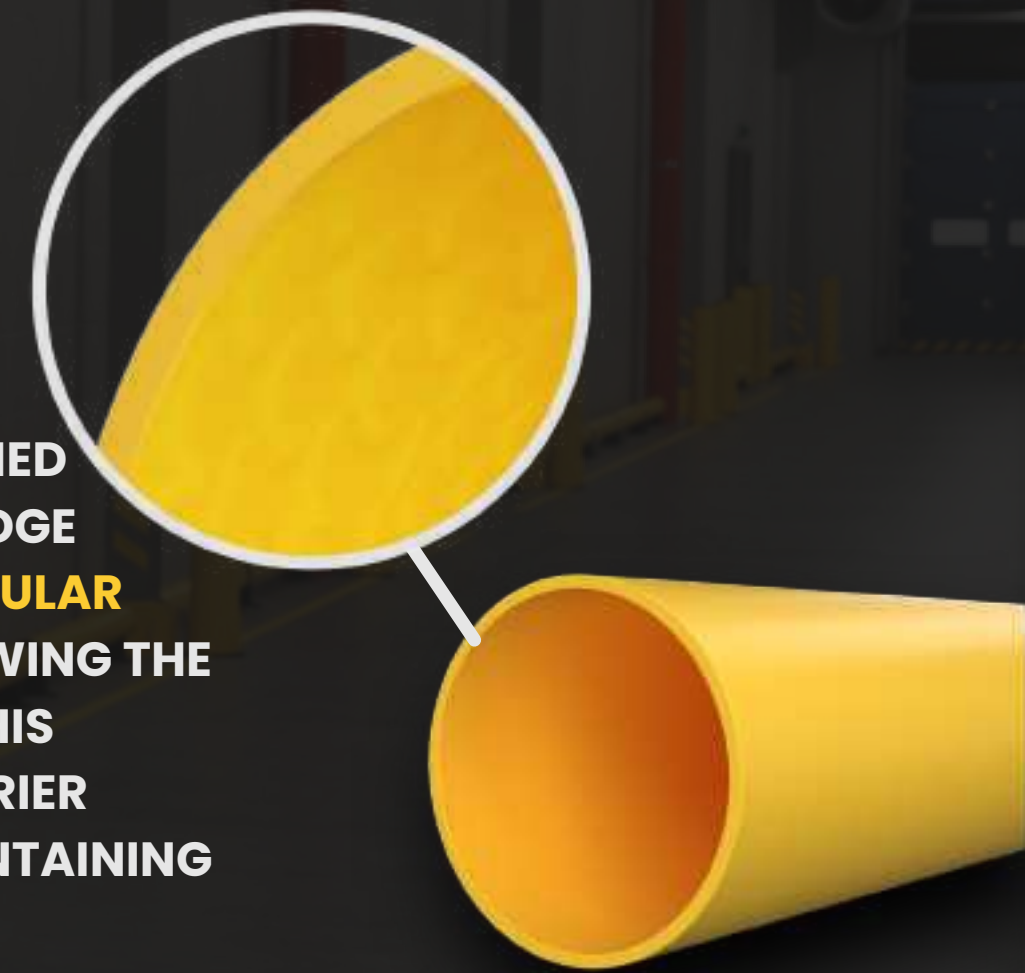
## UV-RESISTANT

Our barriers are designed with exceptional resistance to UV radiation. Their chemical structure remains intact even after prolonged outdoor use, ensuring long-term durability.

## ANTIMICROBIAL

Our barriers have an exceptional chemical formula that prevents them from having any chemical reaction with the substances they come into contact with.

EXPERIENCE **UNPARALLELED STRENGTH** WITH OUR **ADVANCED POLYMER**, CRAFTED FROM A **PREMIUM BLEND OF SOPHISTICATED POLYOLEFINS AND RUBBER ADDITIVES**. THIS **EXCLUSIVE COMPOSITION DELIVERS UNMATCHED DURABILITY AND FLEXIBILITY**. OUR **CUTTING-EDGE ENGINEERING PROCESS REORIENTS THE MOLECULAR STRUCTURE DURING MANUFACTURING**, ENDOWING THE BARRIER WITH A **UNIQUE BUILT-IN MEMORY**. THIS **INNOVATIVE FEATURE ENSURES THAT THE BARRIER RECOVERS COMPLETELY AFTER IMPACTS**, MAINTAINING **PEAK PERFORMANCE AND RELIABILITY**.







TECHNICAL DRAWING



FIXING REQUIREMENTS

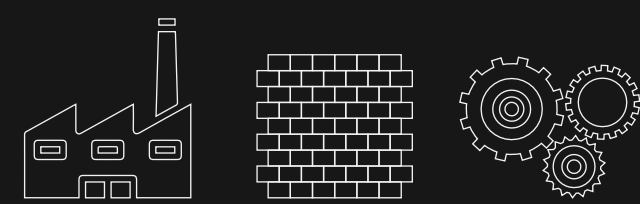
 **ELECTROSTATIC PAINT**  
 **STAINLESS STEEL**  
 **GALVANIZED**


**PULL OUT FORCE**  
**11,4KN**  
**GROUND**

Concrete Quality	Minimum C25/30
Concrete Floor Plate Thickness [mm]	Minimum 6"
Water and Humidity	<b>Steel</b> [standart] : Suitable for dry indoor use only. <b>Galvanize</b> : Can be used in most outdoor environments. <b>Stainless Steel</b> : Ideal for outdoor use or environments with frequent exposure to water and humidity.

<b>TETA</b>	Post Height [H]	Rail Dimension [D]	Rail Length Range [L]	Impact Zone [Z]
	8"	Ø5"	19 <sup>3</sup> / <sub>8</sub> " - 98 <sup>3</sup> / <sub>8</sub> "	5"

SUITABLE APPLICATION



**STANDART COLORS** | **RAL 1018 PANTONE 123C** | **RAL 9005 PANTONE B6C**

\*Please note that the RAL and PANTONE colours listed are the closest match to standard RAYSAN colours, but may not be exact matches of the actual product colour and should be used for guidance only.

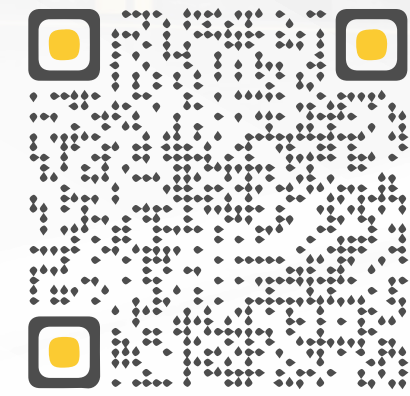
**BUILDING AND EQUIPMENT SAFEGUARDS** | **CORRIDOR AND WALL DEFENSES** | **MACHINERY PROTECTION SOLUTIONS**



RAYSAN

Flexible Barrier POLYGUARD

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# RAYSAN

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.

YOUR **TRUSTED** PARTNER