

RAYSAN

Flexible Barrier
POLYGUARD
PuffyGuard

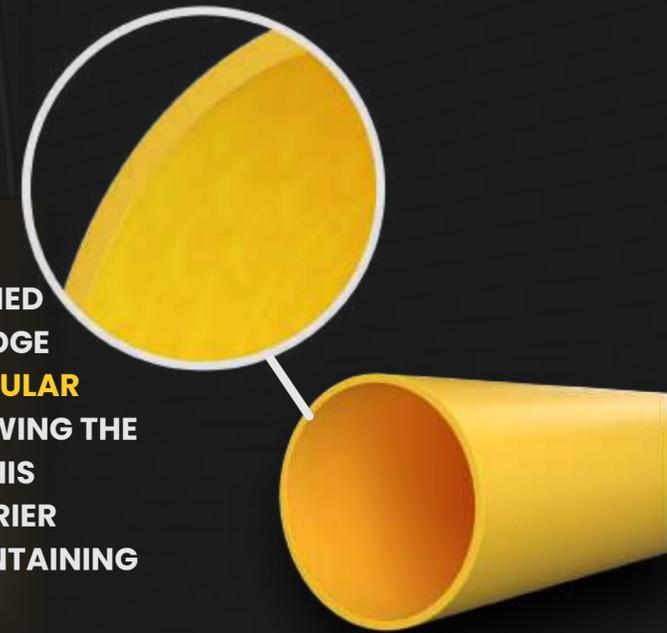
HEIGHT RESTRICTOR BARRIER

A HEIGHT RESTRICTOR BARRIER IS DESIGNED TO PREVENT VEHICLES THAT EXCEED A CERTAIN HEIGHT FROM ENTERING RESTRICTED AREAS, ENSURING SAFETY AND COMPLIANCE WITH CLEARANCE REQUIREMENTS. TYPICALLY INSTALLED AT THE ENTRANCE OF LOADING DOCKS OR LOW-CLEARANCE ZONES, IT EFFECTIVELY LIMITS ACCESS TO ONLY THOSE VEHICLES THAT MEET HEIGHT SPECIFICATIONS, REDUCING THE RISK OF ACCIDENTAL DAMAGE TO INFRASTRUCTURE. THIS BARRIER HELPS PROTECT BOTH THE BUILDING STRUCTURE AND THE VEHICLES BY PREVENTING COLLISIONS WITH OVERHEAD OBSTACLES OR LOW-HANGING STRUCTURES.





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**.



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.

NO CORROSION

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

NO PAINT AND MAINTENANCE NEEDED

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.

ULTRAVIOLET RESISTANT

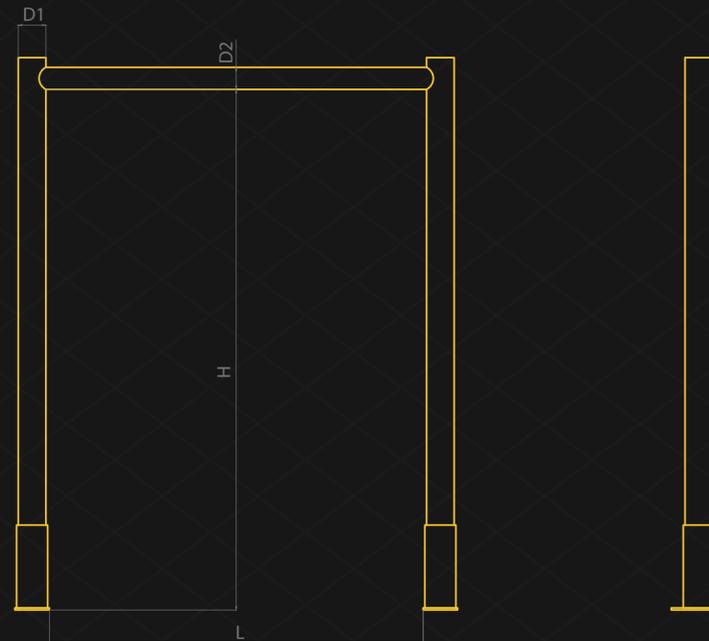
Our barriers are designed with exceptional resistance to UV radiation. Their chemical structure remains intact even after prolonged outdoor use, ensuring long-term durability.

ANTIBACTERIAL

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



TECHNICAL DRAWING



FIXING REQUIREMENTS

ELECTROSTATIC PAINT
STAINLESS STEEL
GALVANIZE

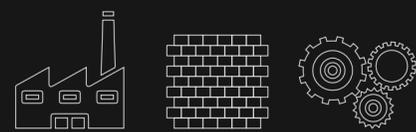
PULL OUT FORCE
16,4KN

Concrete Quality	Minimum C25/30
Concrete Floor Plate Thickness [mm]	Minimum 150 mm
Water and Humidity	Steel [standart] : Suitable for dry indoor use only. Galvanize : Can be used in most outdoor environments. Stainless Steel : Ideal for outdoor use or environments with frequent exposure to water and humidity.

DELTA

Post Dimension [D1]	Post Height [H]	Rail Dimension [D2]
Ø200 mm	2000 mm - 3770 mm	Ø160 mm
Door Range [L]	Impact Zone [z]	
1500 mm - 3500 mm	160 mm	

SUITABLE APPLICATION



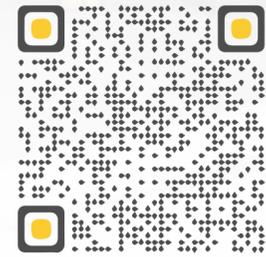
STANDART COLORS **RAL 1018 PANTONE 123C** **RAL 9005 PANTONE B6C**

*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

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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