

RAYSAN

Flexible Barrier
POLYGUARD
PuffyGuard

THINK FLEX- IBLE SLIDE GATE

ENGINEERED FOR SMOOTH OPERATION, THE SLIDE GATE IS AN IDEAL SOLUTION FOR CONTROLLING ACCESS IN INDUSTRIAL AND WAREHOUSE SETTINGS. DESIGNED TO MAXIMIZE SPACE EFFICIENCY, IT SLIDES OPEN AND CLOSED EFFORTLESSLY, PROVIDING SECURE ENTRY AND EXIT POINTS FOR BOTH VEHICLES AND PEDESTRIANS. ITS ROBUST CONSTRUCTION ENSURES LONG-TERM DURABILITY AND RELIABILITY, ENHANCING SAFETY AND TRAFFIC MANAGEMENT WITHIN YOUR FACILITY.



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.

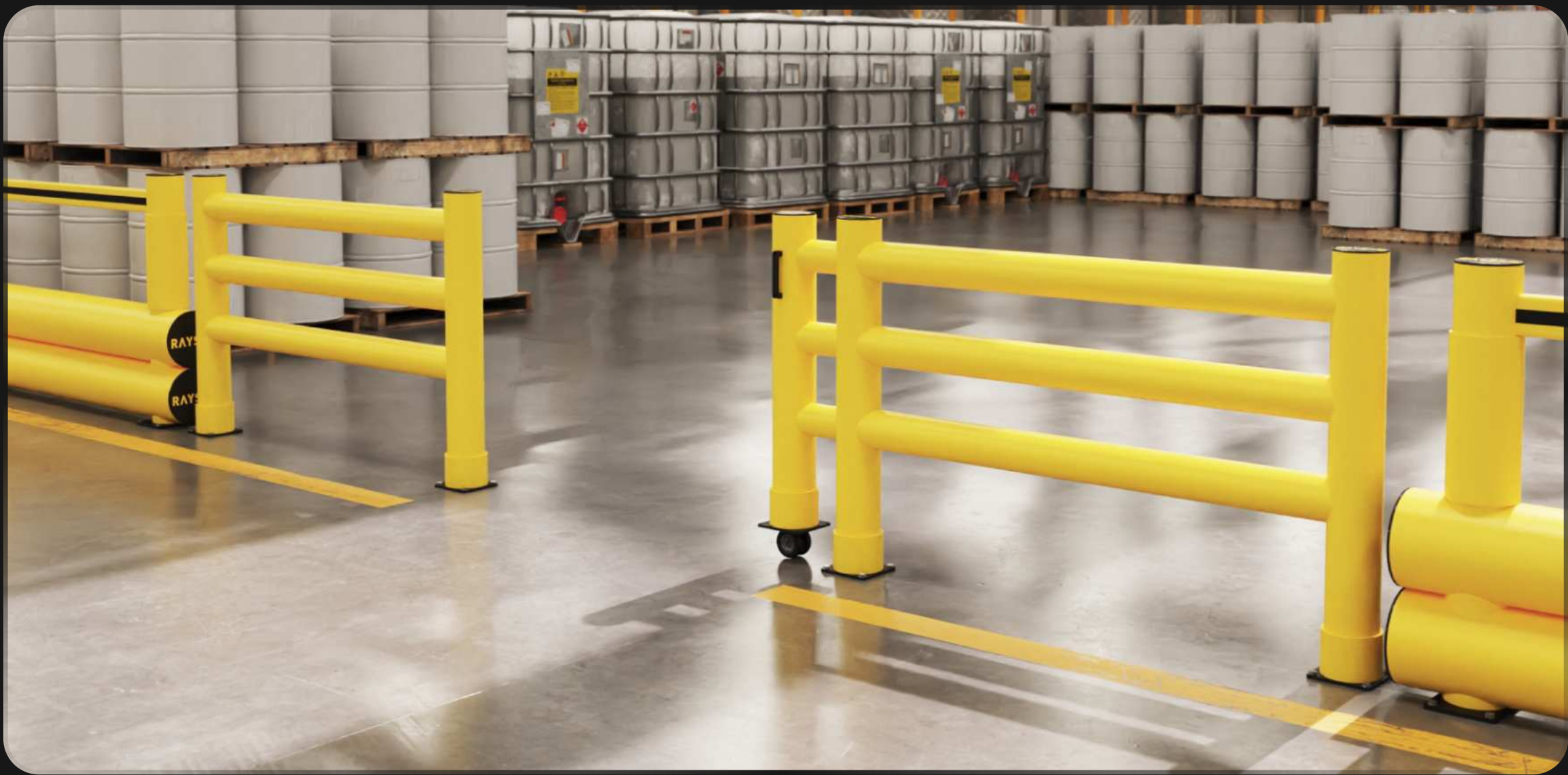
ULTRAVIOLET RESISTANT

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

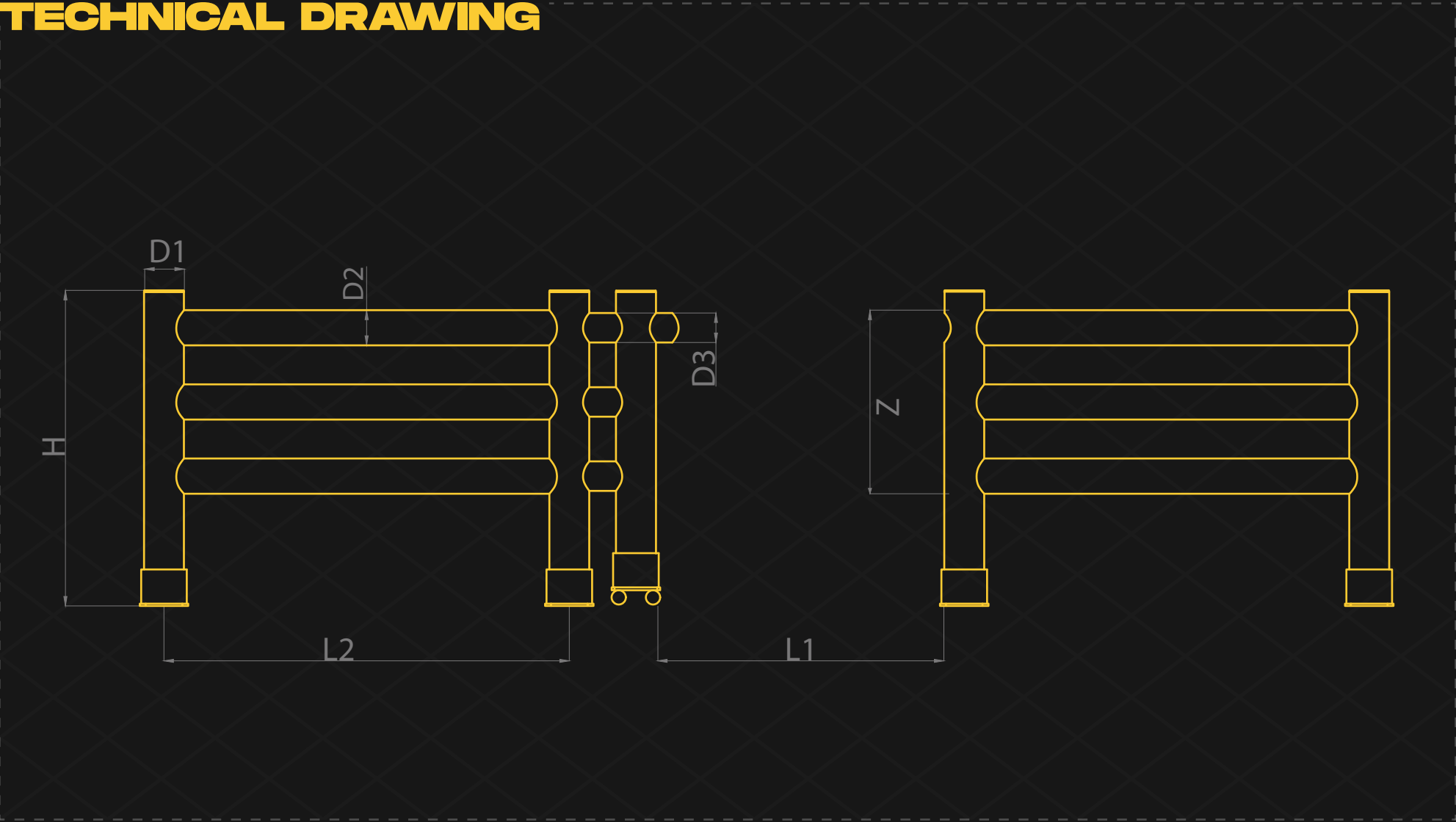
ANTIBACTERIAL

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

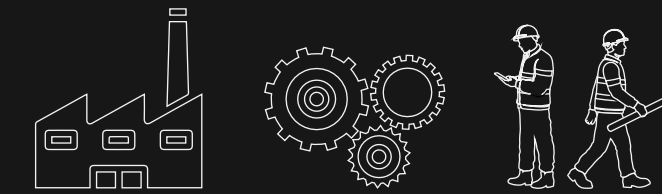
PULL OUT FORCE

↑ 16,4kN ↑

GROUND

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.

SUITABLE APPLICATION



BUILDING AND EQUIPMENT SAFEGUARDS MACHINERY PROTECTION SOLUTIONS PEDESTRIAN SAFETY SOLUTIONS

ZETA

Post Dimension [D1]	Rail Dimension [D2]	Rail Dimension [D3]	Height Max [H]
Ø160 mm	Ø110 mm	Ø90 mm	1100 mm
Gate Length Range [L1]	Rail Length Range [L2]	Impact Zone [Z]	
1200 mm - 1800 mm	1430 mm - 2030 mm	630 mm	

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.

SUITABLE FOR



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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