

FLEXIBLE COLUMN PROTECTION RAL2/RAL3/RAL4/RAL5

Designed to avoid the unfortunate consequences of carts or vehicles with goods hitting the pillars on which the building structure rests. Specially configured RAL shapes provide protection for the structure on all sides. Modular protections adhere to the protected structure at the appropriate height, distributing the force of any impact.

The products are tested by the TÜV Rheinland unit and have been certified for safety.



Application: protection of pillars and columns



Material	Polymeric material
Dimensions	Width: from 100 mm to 2000 mm Height: from 600 mm to 3000 mm

FIXING

- protection applied to the column
- no anchoring to the floor



$\frac{1}{2} \text{ MASS} \times \text{ SPEED}^2 = \text{STRENGTH IN JOULES}$

MATERIAL PROPERTIES

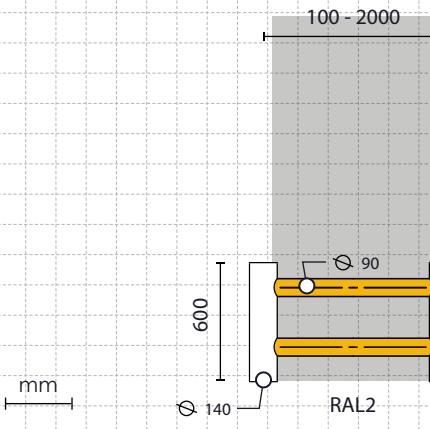
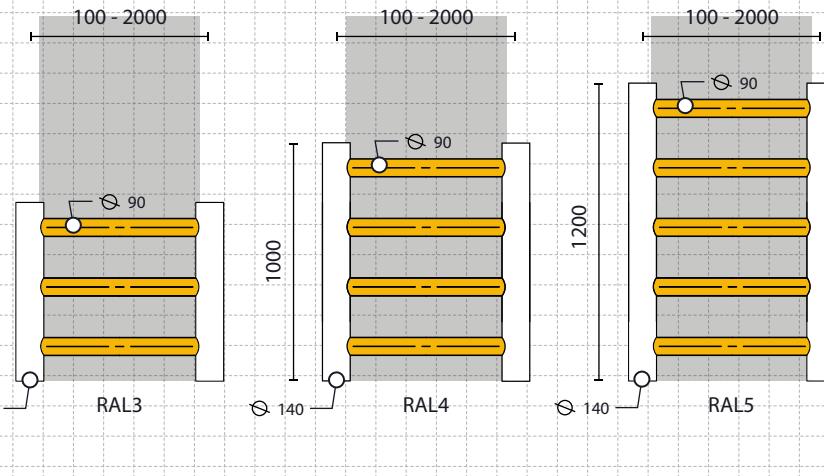
Temperature range	-35°C to +60°C
Special version for freezer rooms	On request
Fire class	HB
Completely non-flammable version V0	On request
Toxicity	No risk
Meets requirements	HACCP, FDA
Corrosion resistance	High
Biodegradability	Yes, 100%

Recommended producer's inspection **every 12 mths**



Quick installation

Installation and removal of the pillar protection is quick and uncomplicated, minimizing infrastructure disruptions. With no anchoring to the floor, the protection adheres even more closely to the pillar, leaving more space for transportation.


**FLEXIBLE COLUMN PROTECTION
RAL2/RAL3/RAL4/RAL5**
DIMENSIONS:

RAL product height variants

**VARIOUS VERSIONS
OF RAL COLUMN PROTECTION**

RAL4 (standard)

RAL4 U (wall mount)
An investment that pays off

The plastic has durable aesthetics and is resistant to: chemicals, humidity, UV, scratches. Barriers do not require cyclic painting and help save money on maintenance.

Ergonomic design

Without sharp edges that affect the risk of damage to pedestrians and vehicles.

Modularity

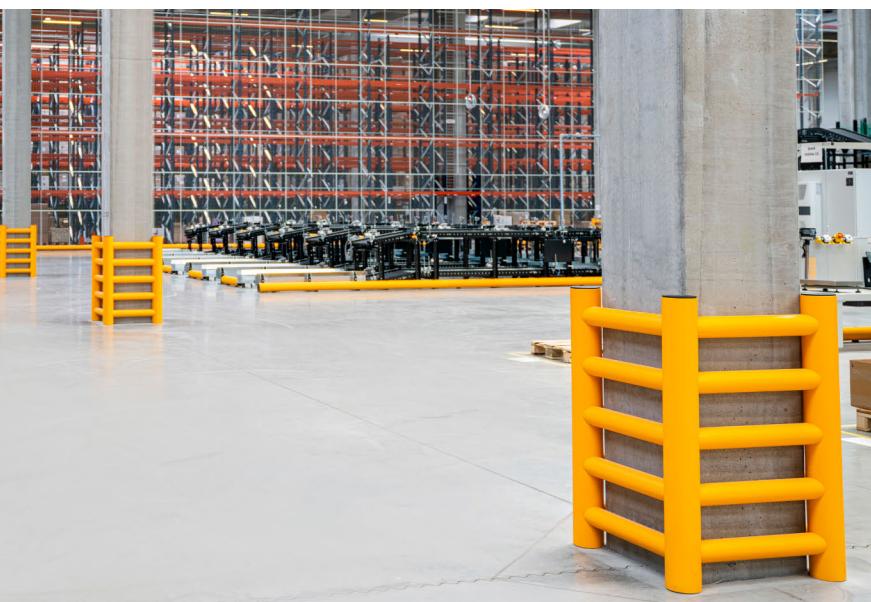
The profile floors connect to each other, ensuring a precise fit on all sides of the column. They can be configured to any height by combining several modules.

Reflective elements

It is possible to use reflectors to increase the visibility of column protection.

Polymer strength

Thanks to innovative technology, the barriers have high strength and mechanical flexibility. The ability to bend and then return to their original shape. They retain their structure even after collision with forklifts.



COLUMN PROTECTION

RAL5



Matching

Flexible column protectors freely combine with other types of Anter System brand barriers, both in terms of height and purpose. Modular nature allows them to freely: combine, move, expand or adapt to changing conditions in warehouses and on production lines.



Biodegradability

The products were created in accordance with the philosophy of caring for the environment. They are 100% reusable for barrier production. With the future of our planet in mind, production processes are based on CSR and ESG principles.

Reducing the carbon footprint

By using flexible barriers, you support your company's environmental and ESG strategy.



Effectively reduce CO₂ emissions

5x less than the production of steel barriers



You support appropriate energy consumption

polymer materials yield twice the amount of product from 1 t of raw material (comparing with steel ones)



You reduce the generation of waste associated with the production process



Flexible barriers weigh less than steel ones. Lightweight shipments support reduced fuel consumption during transportation, reduced greenhouse gas emissions and more environmentally friendly logistics operations.

COMPREHENSIVE SECURITY FEATURES

Visible to the driver, safe for pedestrians
Pedestrian barriers to secure traffic lanes.



PEDESTRIAN LT BARRIERS

The barriers are mounted directly to the floor or just above the floor level. They complement other types of barriers as protection from forks of a forklift.



GB BARRIER

They work well in an area with very high traffic and a high risk of collisions involving medium and heavy warehouse vehicles.



TRAFFIC BARRIERS