

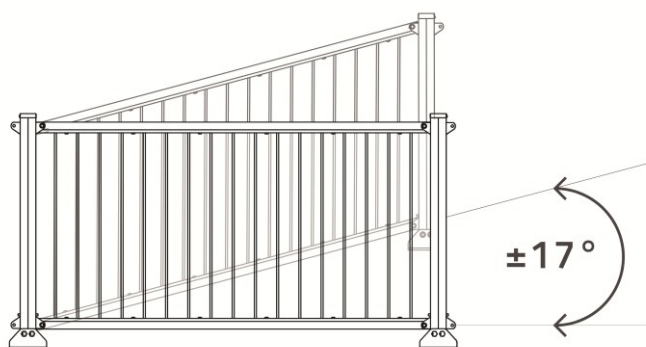


Patented Technology

RAILY DRS

TECHNICAL DATA SHEET 1.5

DRS URBAN PRO is a modular steel railing system which, thanks to its ability to adapt to curves and slopes, simplifies every stage of the project – from planning to installation – while maximizing resource efficiency.



The innovative system allows adjustment to slopes of up to 17° using a single module.

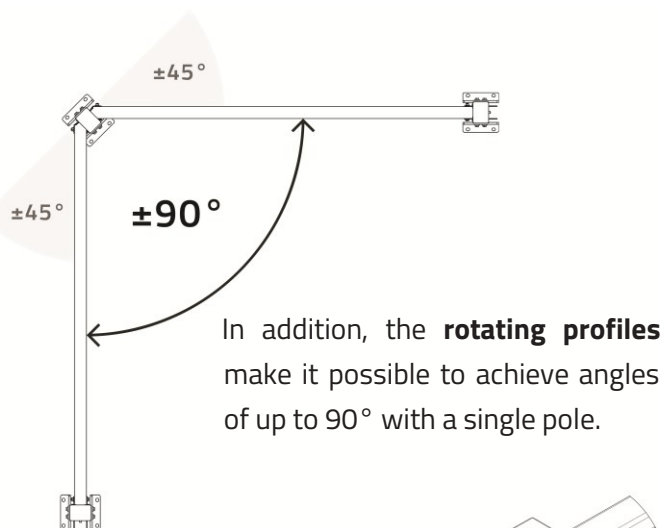
Structural Verification

The railing has been designed and verified in compliance with the Technical Construction Standards (NTC 2018). Structural calculations confirm the resistance, stability, and full safety of the system, with verification carried out by a qualified professional.

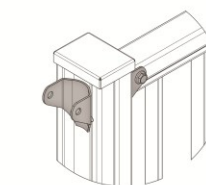
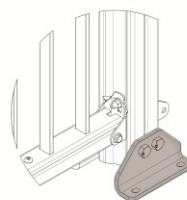
The calculation report can be provided upon request via e-mail

Standards and References

NTC 2018	Technical Construction Standards
UNI CEN 1317-6	Pedestrian guardrails
UNI EN 1993-1-3:2007	Design of steel structures
ISO 2768-m	General tolerances
UNI EN ISO 1461	Hot-dip galvanizing



In addition, the **rotating profiles** make it possible to achieve angles of up to 90° with a single pole.

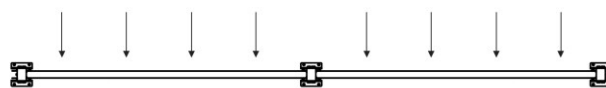


Rotation Profile

Easy, fast and precise angle adjustment

Base Plate

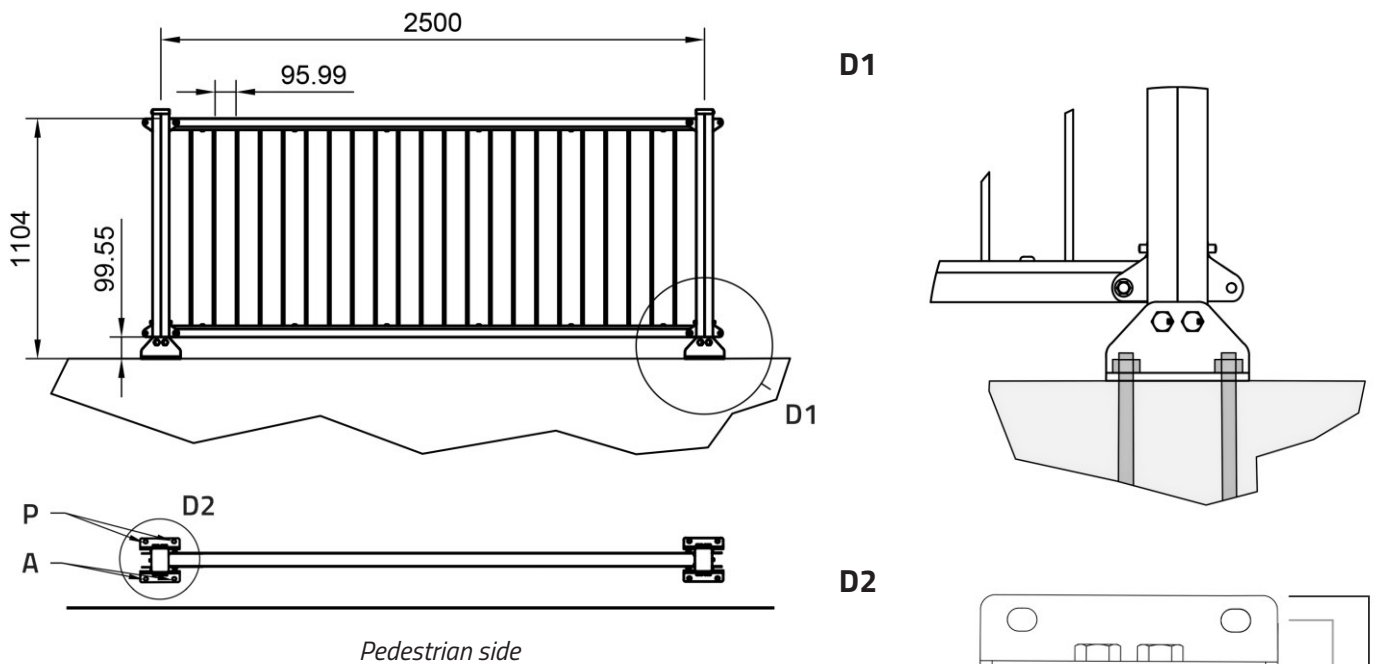
Adaptation to the underlying structure



DRS URBAN PRO 1.5 - Performance calculated based on a horizontal distributed load of 1,5 kN/m applied to the top rail

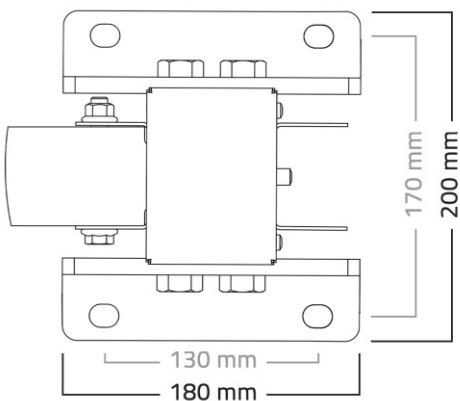
Anchorage

Disclaimer: To ensure the maximum structural strength of our products, correct fastening is essential. The choice of anchoring system must be made by the designer or a qualified installer, taking into account project specifications, the characteristics of the installation site, and actual onsite conditions.



Tensile and shear values per anchor bolt: (based on a horizontal distributed load of 1,5 kN/m applied to the top rail)

- P** – Posterior anchor bolts: 1,41 kN shear force / bolt
- A** – Anterior anchor bolts: 18,04 kN tensile force / bolt
1,41 kN shear force / bolt



Finishes & Materials

DRS URBAN PRO is available in the following finishes and/or materials:

<i>Finish</i>	<i>Material</i>	<i>Standard delivery times*</i>
Zinc Coated	HDG Steel	2-5 working days
Powder Coated	HDG Steel	15-20 working days
Weathering Steel	Corten Steel	2 -5 working days
	Stainless Steel	On request

** Delivery times may vary depending on request and period*

Versions

The DRS URBAN PRO range is available in three versions, designed to meet different project requirements:

DRS URBAN PRO 1.5

DRS URBAN PRO 2.0

DRS URBAN PRO 3.0