

DIABOLO PLUS RAILING



CHARACTERISTICS



The Diabolo Plus, with its vertical bars separated 70 mm apart, complies with the EN 1176-1 standard, and it is specially recommended for children's playgrounds.

Length (mm)	Horizontal profiles	Vertical bars	Distance between vertical bars
2,475	40 x 40 x 1.5 mm	Ø 25 x 1.5 mm	70 mm



FINISHING FEATURES

POWDER COATING

- 10 standard RAL colours. (More than 200 RAL colours available).
- Steel galvanized profile according to EN 10346 standard.
- Polyester powder coated by electrostatic application with microcrystalline phosphating. Coating thickness: 80 microns minimum.



STANDARD DIMENSIONS

Railing		Post section		Post height	
Real height (m)	Length (mm)	Round (mm)	Squared (mm)	To dig in (m)	With welded base (m)
0.60	2,475	Ø 60 x 2.0	60 x 60 x 1.5	0.90	0.67
0.80				1.10	0.87
1.00				1.30	1.07
1.20				1.50	1.27
1.50				1.90	1.57
1.70				2.10	1.77
1.80				2.20	1.87
1.90				2.35	1.97
2.00		Ø 60 x 3.0	60 x 60 x 2.0	2.35 / 2.50	2.07

Other dimensions on request.

INSTALLATION

Post	Accessory	Distance between posts axis (mm)
Round	Metallic bracket	2,560 (+8/-0)
Squared	Invisible metallic fastener	2,535

It's easy to adapt the gate to the desired length.

METALLIC BRACKET

- Adjustable in height
- All possible angles
- Screws included



End / Intermediate / Angle



INVISIBLE METALLIC FASTENING ACCESSORY

- Screws included.
- Two type of screws:
 - End / Intermediate
 - Corner



End / Intermediate



VARIABLE ANGLE FIXING ACCESSORY

This accessory allows to create variable angles up to $\pm 50^\circ$, it replaces the metallic fastening accessory.



Corner



ASSOCIATED PRODUCTS

SWING GATE - DIABOLO PLUS

- Spring hinge.
- Safety lock.
- Single leaf or double leaf.
- According to EN 1176-1 standard.

SLIDING GATE - RONDO PLUS

- Light and Pro version.
- It slides on a guide bolted to the ground.
- Filling:
 - Round bars: Ø 25 x 1.5 mm.
 - Maximum distance between bars 110 mm.

CANTILEVER SLIDING GATE LIGHT - RONDO PLUS

- It is not necessary to install a guide on the ground.
- Filling:
 - Round bars: Ø 25 x 1.5 mm.
 - Maximum distance between bars 110 mm.