## OUTSTANDING

- Rigidity and quality of the materials
- Exceptional service life due to their anticorrosion coating
- Non-removable security screw system
- Easy installation
- Complete system

Application places

*except for sporting areas

| Warehouses & factories | Train stations | Hangars | Industrial areas | Estates | Residential houses | Airports | Highways & roads | Construction & public works | Sport events | Railways | Property & land | Institutes & schools * |

10 YEARS OF GUARANTEE

Assembly

It is composed of electro-welded mesh panels with pleats, which increase the rigidity of the panel.
The panels are easily fixed with the FAX bracket system, which allows the panels to be fixed to each side of the post with a single bracket.

Fax support

2m 530

Stepped section
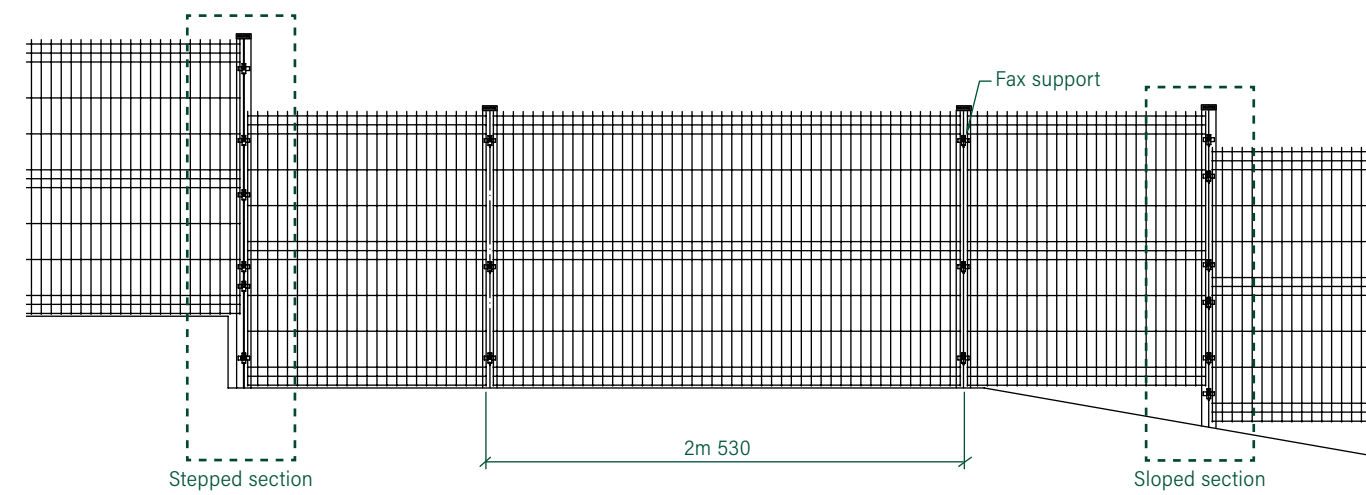
Sloped section

STEPPED SECTION

Install the longest post (normal length + step) on the lower part and attach both the upper and the lower panels to it using twice the number of brackets.

SLOPED SECTION

Install the longest post (normal length + slope) on the lower part and attach both the upper and the lower panels to it, using twice the number of brackets.
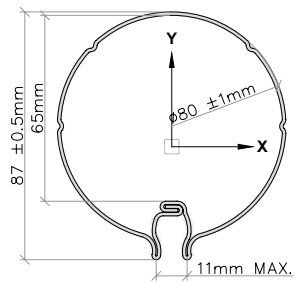
Technical features

POST AND ACCESSORIES

- Lux 50 or Lux 80-type post according to heights, provided with a longitudinal rack for anchoring the accessories that will secure the panel (FAX bracket)
- Low-carbon sheet, in accordance with the EN-10327 standard. Pull strength of 300 to 400 N/mm2
- Posts provided with polypropylene cap which will not degrade in harsh weather

ELECTRO-WELDED MESH PANEL

- Electro-welded panel with several folds to improve its rigidity
- Dimensions of the panel: 200/50
- Diameter of the wire: 5mm
- Upper or lower defensive edge, in accordance with the orientation of the panel

Detail of Lux 50 post
Profile weight: 1.50Kg/ml
Galvanised sheet
metal Z-275
I/V= 2.20cm3

$\phi 50 \pm 0.5mm$
56mm
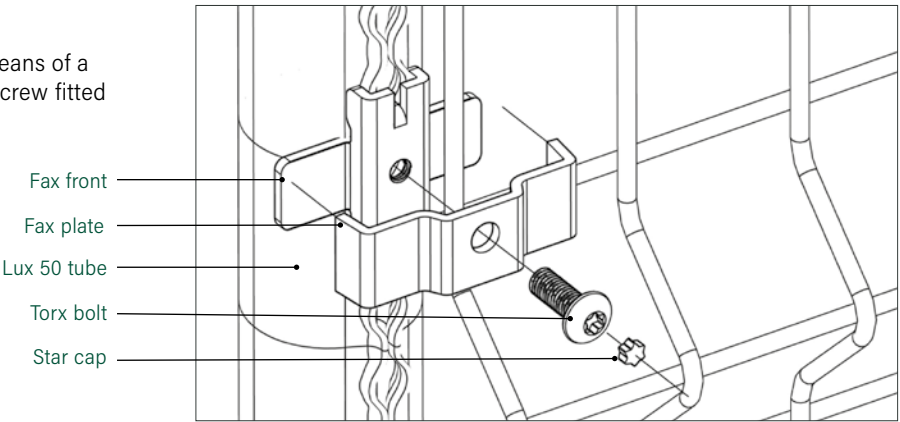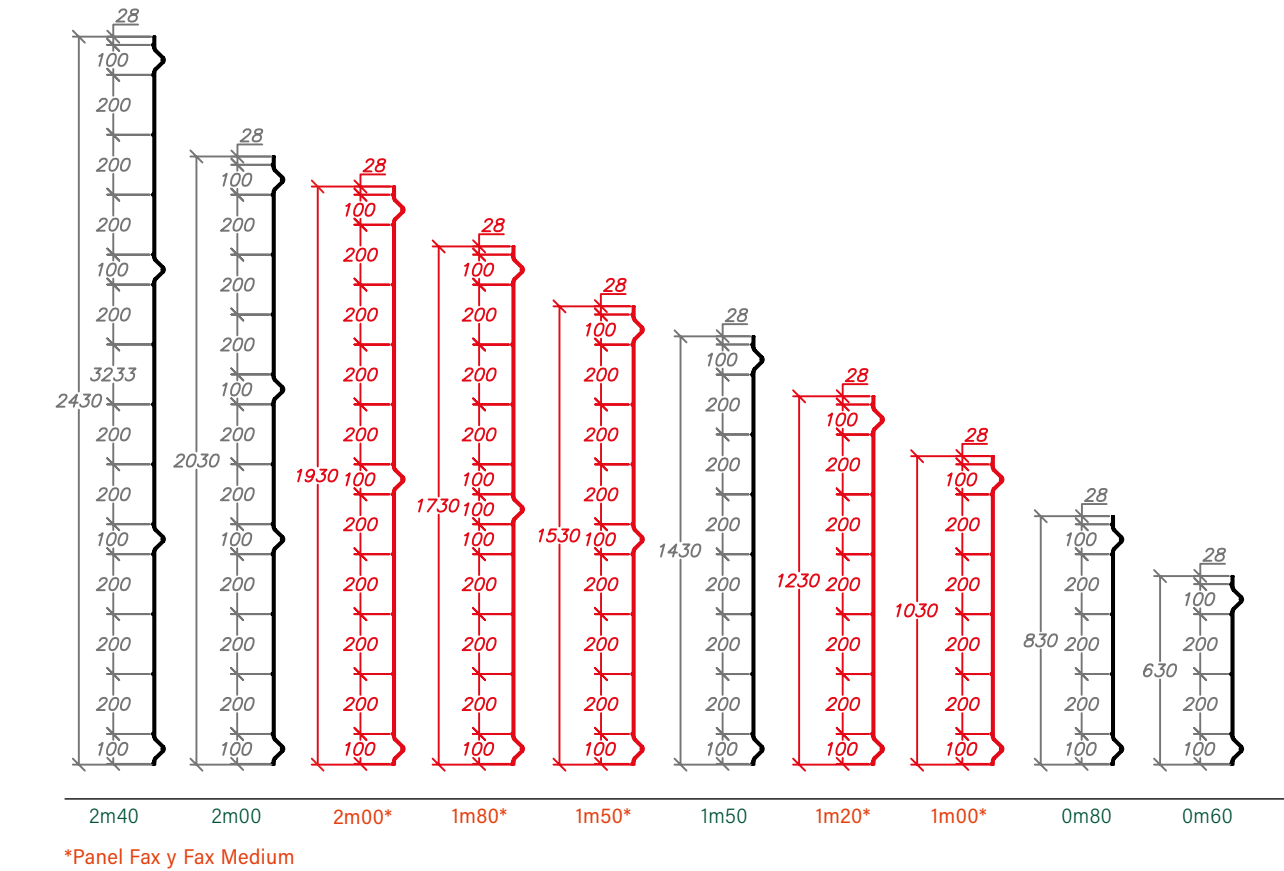34mm
11mm MAX
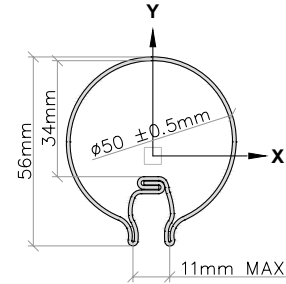
Detail of Lux 80 post
Profile weight: 3Kg/ml
Galvanised sheet
metal Z-275
I/V= 7.76cm3

$\phi 80 \pm 1mm$
87 ±0.5mm
65mm
11mm MAX.

Fax frame detail
$\phi 5mm$
$\phi 5mm$
100mm
55mm
200mm
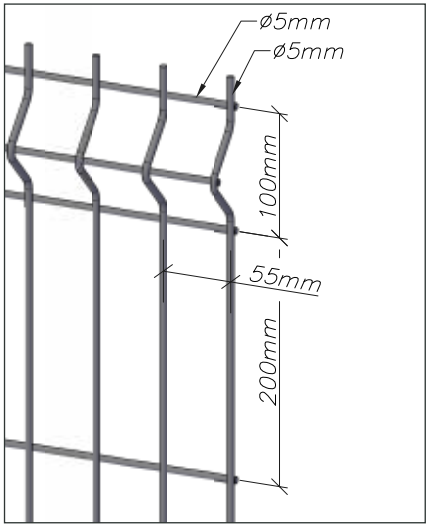
FENCE HEIGHT	PANEL DIMENSIONS			POST				FOLDS	DISTANCE BETWEEN POST AXES
	LENGTH	HEIGHT	FOLDS	TYPE	THICKNESS	TOTAL LENGTH	LENGTH TOTAL PLATE		
0m60	2m495	0m63	2	LUX50	1.3mm / e.m.	0m90	0m65	2	2m530
1m00		1m03				1m25	1m05		
1m20		1m23				1m55	1m25		
1m50		1m43				1m80	1m55		
1m50		1m53	3	LUX80	1.5mm / e.m.	1m80	1m55	3	
1m80		1m73				2m10	1m85		
2m00		1m93				2m35	2m00		
2m00		2m03	4			2m35	2m05	4	
2m+0m 60		1m 93+0m 63	3+2			2m 35+0m60	2m 05+0m60	3+2	
2m40		2m43	4			2m85	2m45	4	

POST/FRAME FASTENING SYSTEM

Metal Fax support: Attached to the rack by means of a non-detachable M.8x21 Torx-05 type security screw fitted by means of a special key.

Fax front
Fax plate
Lux 50 tube
Torx bolt
Star cap

Side view

28
100
200
200
100
3233
2430
200
200
200

28
100
200
200
100
2030
200
100
200
200

28
100
200
200
200
1930 100
200
200
200
100

28
100
200
200
1730 100
200
200
200
100

28
100
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1530 100
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28
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1430 200
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1230 200
200
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200
100

28
100
200
200
1030 200
200
200
200
100

28
100
200
830 200
200
200
200
100

28
100
200
630 200
200
200
100

2m40 2m00 2m00* 1m80* 1m50* 1m50 1m20* 1m00* 0m80 0m60

*Panel Fax y Fax Medium

Anchoring system

FOUNDATION
The posts can be sealed with concrete in the walls or in the ground.

BASE PLATE
Optional installation of a base plate, for installing the post on a concrete wall. Dimension of a plate 120x120x8mm.
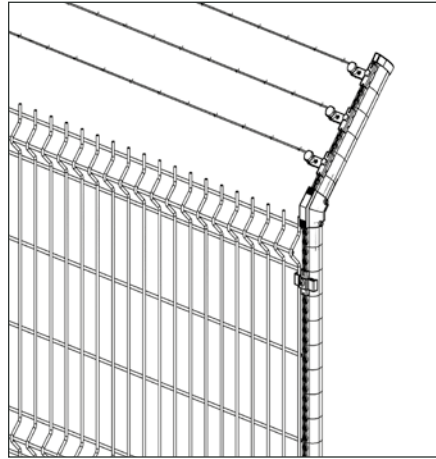
BASE PLATE IN L
Option to add an L plate to fix the posts to a concrete wall. Dimensions of the plate: 120x120x8mm.
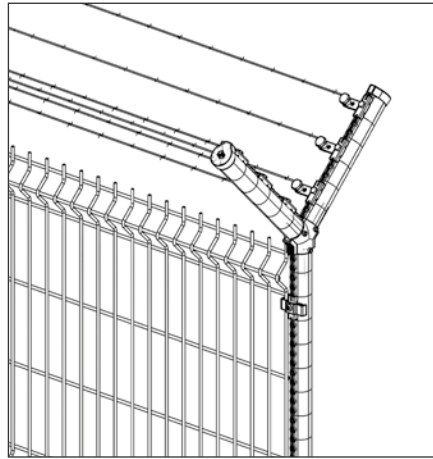
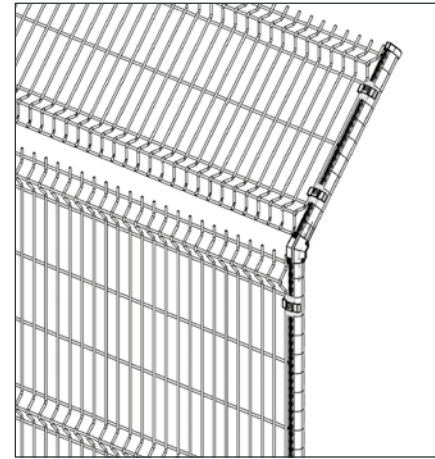# Section with extension (bayonet)

Fence with 45° inclined extension bracket. Posts with extension bracket and 0.60 m mesh frame fastened to the inclined section using supports; alternatively, several rows of barbed wire can be fastened to it.

BAYONET WITH BARBED WIRE
Bayonet with barbed wire

DOUBLE BAYONET
Double bayonet with barbed wire
(only 80 Lux tube)
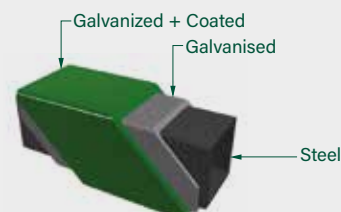
BAYONET
Bayonet with 0m60 mesh frame

Anticorrosion coating

All the materials of system are hot dip galvanised and plastic coated with **Rivisa® Protecline** anticorrosion coating system.

- Minimum thickness: 100 microns
- Option of applying the **Rivisa® Protecline Plus** plastic coating, which prolongs the useful life of the materials
- Option of applying the **Rivisa® Protecline Plus triple** plastic coating, which prolongs the useful life of the materials
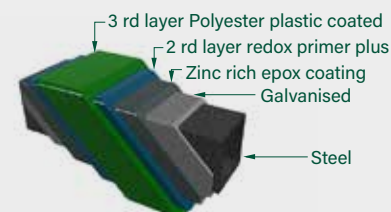- Available in several colours from the Rivisa RAL chart. Colours:

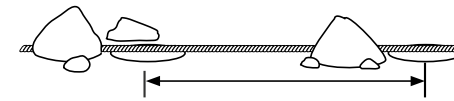White RAL-9016   Green RAL-6005   Gray RAL-7016   + For other colours see Rivisa RAL chart

protecline
- Galvanized + Coated
- Galvanised
- Steel

protecline PLUS
- Polyester plastic coated
- Zinc rich epox coating
- Galvanised
- Steel

protecline TRIPLE
- 3 rd layer Polyester plastic coated
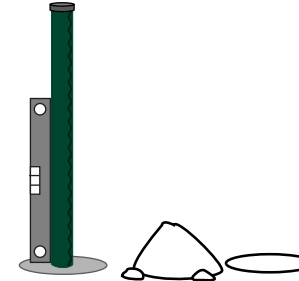- 2 rd layer redox primer plus
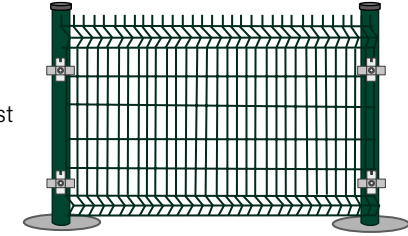- Zinc rich epox coating
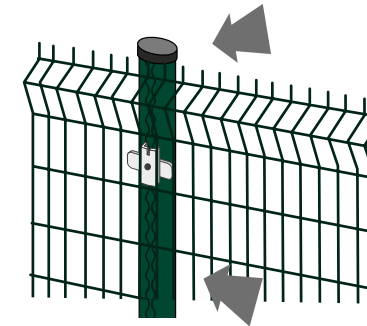- Galvanised
- Steel
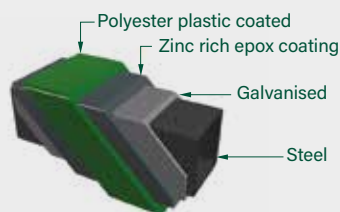
Assembly manual

1 Mark the line of the enclosure with a rope. Drill the holes for the post foundation.
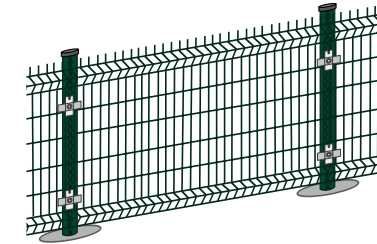
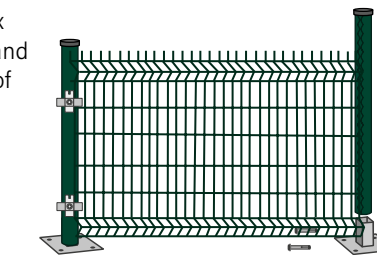**2** Cement the first post and level it with a level.

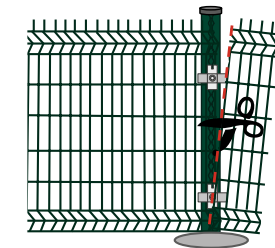**3** Fit the front of the Fax bracket to the Lux rack and place the panel in front of the bracket.

4 Place the upper part of the bracket on the panel and screw it to the already installed front panel with the screw. Once tightened, finish with the cap.

5 Install the second post following the same steps.

6 Repeat as many times as necessary

7 If anchoring with a base plate instead of a foundation, screw the base and insert the first post. Hang the panel and insert the next post.

8 If necessary, cut the panel to obtain a more precise finish.