

OUTSTANDING

- Multiple applications
- Complete systems

Application place



Sport events Institutes & schools Residential houses Sport areas

General guidelines

AVAILABLE HEIGHTS:

- 4m
- 5m
- 6m
- 7m
- 8m
- Option of investigating extreme-height closures

POSTS:

- Steel posts Lux 80-1.5 mm/t.a. (W: 5.602 cm³) or Lux 80-R 3 mm/t.a.R (W: 12.11 cm³) installed individually or in the form of duplicates (see table) and provided with a lengthways rack for anchoring the staples and accessories
- Mechanical features of the plate based on Regulation UNE 36137

ACCESSORIES:

- Accessories fastened to the rack by means of a fixing screw
- Polypropylene cap will not degrade in harsh weather
- Reinforced galvanised wire clamp, fixed vertically to the rack

CLOSURE TYPES:

- **EXTREME-HEIGHT CLOSURE WITH POLYAMIDE MESH:** stuffed polyamide mesh closure, with highly durable reinforcements made with plaited thread.
- **EXTREME-HEIGHT CLOSURE WITH POLYAMIDE MESH AND SINGLE-TWIST ENCLOSURE:** stuffed polyamide mesh closure, reinforced in the lower section with single-twist mesh.
- **EXTREME-HEIGHT CLOSURE WITH POLYAMIDE MESH AND ELECTRO-WELDED MESH:** stuffed polyamide mesh closure, reinforced in the lower section with Maxi-fax or Double i Spin 8/6/88 mesh.
- **RAILS:** The railing can be used to separate the pitch area from the spectator area; it also provides an elegant and functional passage area with the addition of a revolving door.
- The main applications of this product are in football stadiums, athletic and horse-racing tracks, multi-sport areas, etc... extreme-height closure with polyamide mesh

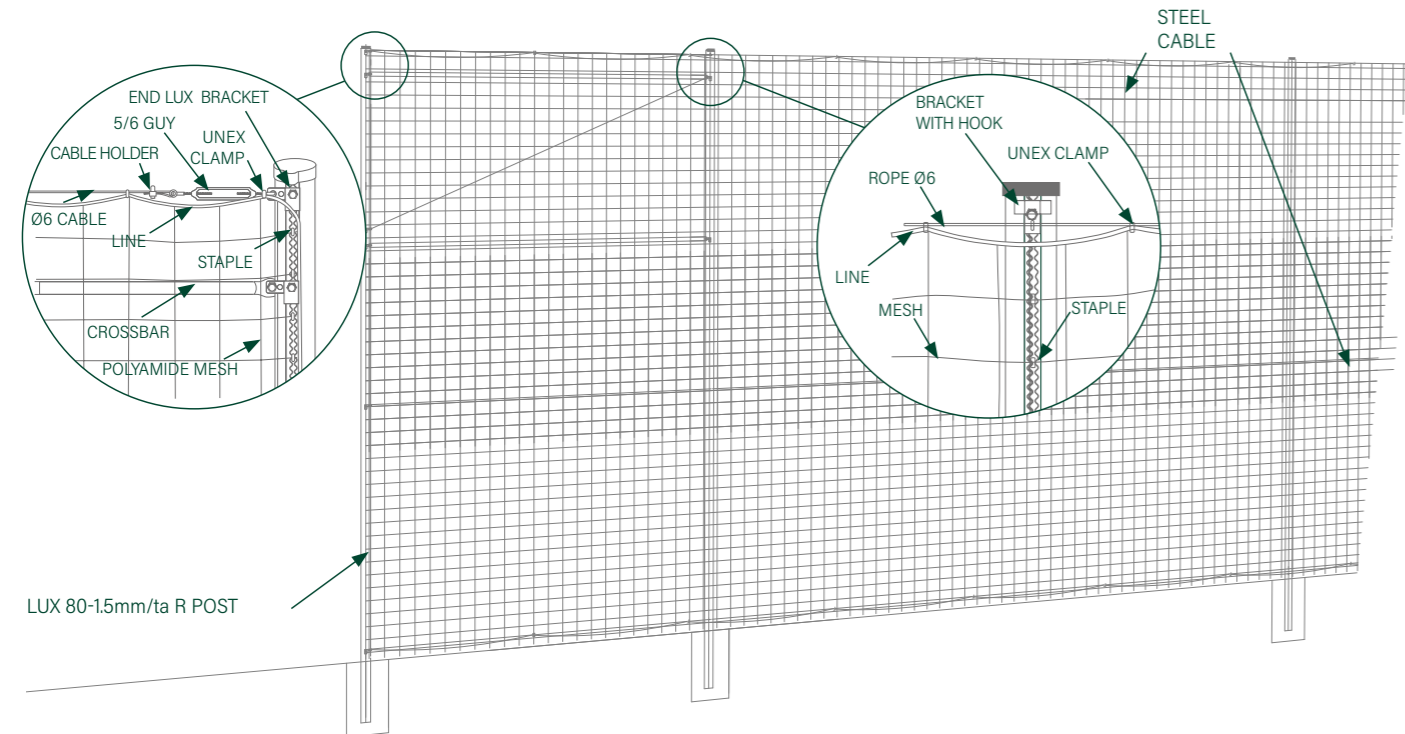
Extreme-height closure with polyamide mesh

POLYAMIDE MESH: Reinforced polyamide high-tenacity mesh, manufactured with twisted polyamide, and reinforced by perimeter lines. Available mesh measures: 25x25 (golf), 33x33 (tennis) and 100x100 (football). The diameter of the plaited thread is 3mm, the breaking load is 50Kg and the melting point is 250°. Available colours: white or green.

TOTAL FENCE HEIGHT	TYPE	THICKNESS	END TENS. POST	MID POST	CROSSBARS TYPE	DISTANCE BETWEEN POST AXES	TENSION WIRE ROWS
			CROSSBARS	CROSSBARS			
4m00	LUX 80 of 4m 40	150 mm/e.m.	2	4	telescopic 40x1.5mm	5m	2
5m00	LUX 80-R of 5m 50	3 mm/e.m.	2	4			2
6m00	DUPLO 80-R 3mm/e.m.	3 mm/e.m.	2	4			3
7m00	DUPLO 80-R 3mm/e.m.	3 mm/e.m.	3	6			3
8m00	DUPLO 80-R 3mm/e.m.	3 mm/e.m.	3	6			4

The end posts are installed at the beginning and the end of the fence, the mid posts every 6 metres and the tension posts every 30 metres per straight section.

The end and the tension posts will have guy-ropes installed with wires and crossbars, in order to improve the rigidity of the fence (see detail in diagram)



Extreme-height closure with polyamide mesh and single-twist closure

- **POLYAMIDE MESH:** Reinforced polyamide high-tenacity mesh, manufactured with twisted polyamide, and reinforced by perimeter line. Available mesh lengths: 25x25 (golf), 33x33 (tennis) and 100x100 (football). The diameter of the plaited thread is 3mm, the breaking load is 50Kg and the melting point is 250°. Available colours: white or green.
- **SINGLE-TWIST MESH:** rhomboid made with wire with a traction resistance of at least 400 N/mm². 25m rolls.

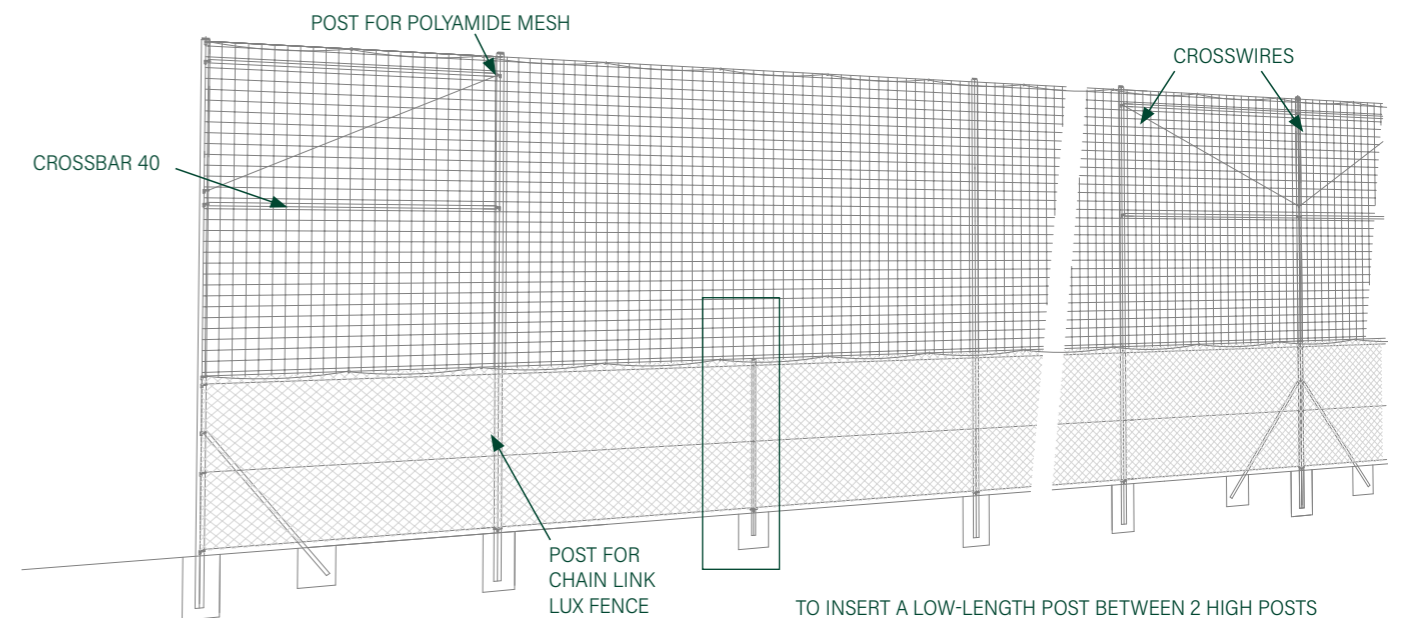
TOTAL FENCE HEIGHT	COMBINATION	POLES FOR LUX CHAIN LINK*		POLES FOR POLYAMIDE MESH**				CROSSBARS TYPE	TENSION WIRE ROWS
		TYPE	THICKNESS	TYPE	THICKNESS	END TENS. P. CROSSBARS	MID POST CROSSBARS		
4m00	2m (chain link) + 2m (polyamide)	LUX 80 measuring 2m 35	1.50 mm/e.m.	LUX 80 4m 40	150 mm/e.m.	2	4	telescopic 40x1.5mm	2
5m00	2m (chain link) + 3m (polyamide)	LUX 80 measuring 2m 35		LUX 80-R 5m 50	3 mm/e.m.	2	4		2
6m00	2m (chain link) + 4m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 6m 60	3 mm/e.m.	2	4		3
7m00	2m (chain link) + 5m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 7m 60	3 mm/e.m.	3	6		3
8m00	2m (chain link) + 6m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 8m 60	3 mm/e.m.	3	6		4

* One-post inserts for single-twist mesh between two posts for polyamide mesh

** in the posts end and tension

The mid posts are installed at every 3m interval for chain link fences, and every 6m for polyamide mesh, with tension posts every 60m for straight sections.

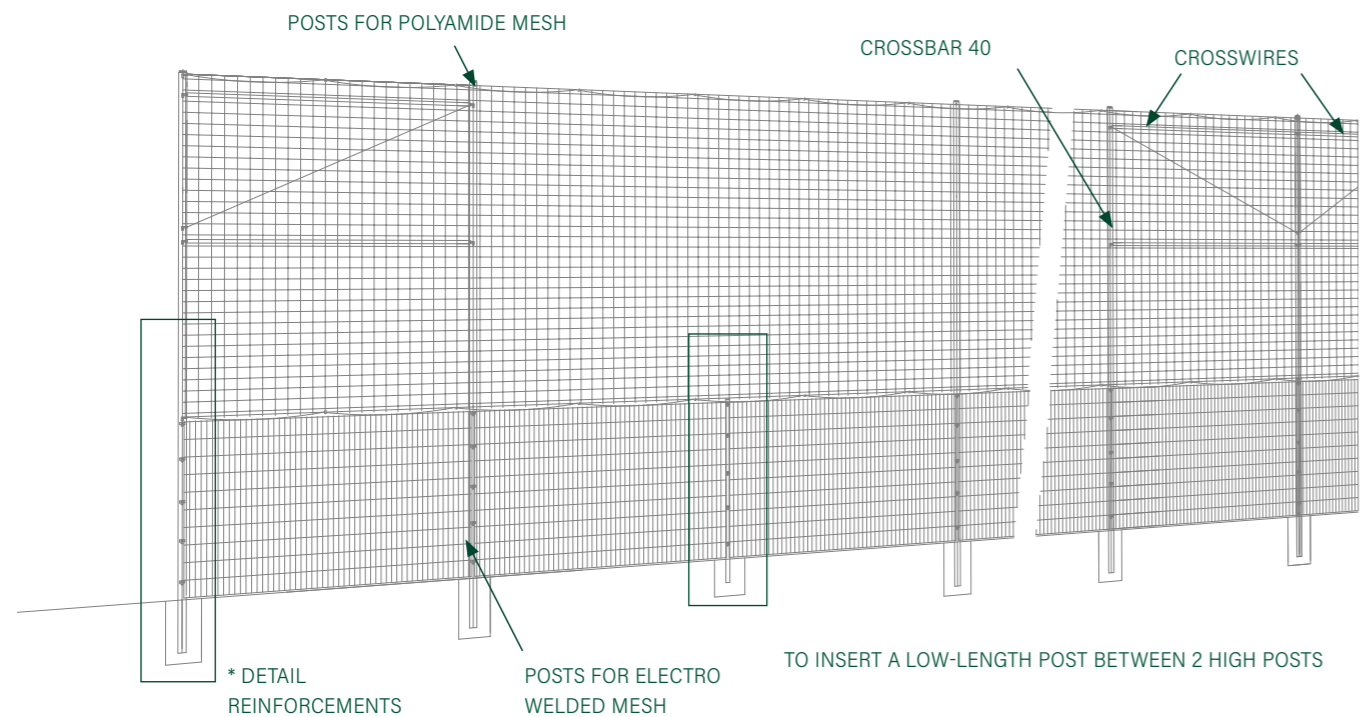
The option of reinforcing the bottom part of the enclosure by using chain-link fencing, the features of the posts and the chain-link tension mesh can be seen on the Lux specifications sheet.



Extreme-height closure with polyamide mesh and electro-welded mesh

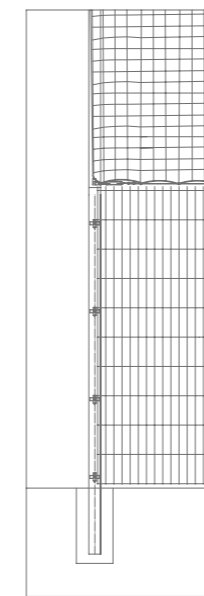
TOTAL FENCE HEIGHT	COMBINATION	POSTS FOR ELECTRO-WELDED MESH*		POSTS FOR POLYAMIDE MESH**				CROSSBARS TYPE	TENSION WIRE ROWS
		TYPE	THICKNESS	typE	THICKNESS	END TENS. P.	MID POST		
						CROSSBARS	CROSSBARS		
4m00	2m (electro-welded) + 2m (polyamide)	LUX 80 2m 35	1.50 mm/e.m.	LUX 80 4m 40	150 mm/e.m.	2	4	telescopic 40x1.5mm	2
5m00	2m (electro-welded) + 3m (polyamide)	LUX 80 2m 35		LUX 80-R 5m 50	3 mm/e.m.	2	4		2
6m00	2m (electro-welded) + 4m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 6m 60	3 mm/e.m.	2	4		3
7m00	2m (electro-welded) + 5m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 7m 60	3 mm/e.m.	3	6		3
8m00	2m (electro-welded) + 6m (polyamide)	DUPLO 80-R 3mm/e.m.		LUX 80-R 8m 60	3 mm/e.m.	3	6		4

* One-post inserts for single-twist mesh between two posts for polyamide mesh
 ** in the end and tension posts



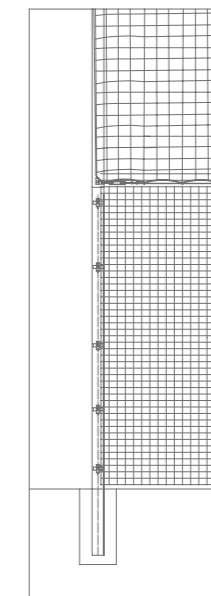
* DETAIL OF REINFORCEMENTS

REINFORCEMENT WITH FAX DH RAILING



Stuffed polyamide mesh closure, reinforced in the lower section with electro-welded Fax DH-type mesh. Mesh dimensions: 200/50mm, wire diameter 8/6/8mm.

REINFORCEMENT WITH MAXI-FAX RAILING



Stuffed polyamide mesh closure, reinforced in the lower section with electro-welded Maxi-Fax-type mesh. Mesh dimensions: 45/55mm, horizontal and vertical wire diameter 8/6/4mm.

Enclosure for tennis courts

TECHNICAL FEATURES

- Lux 80-1.5 t.a. type posts for angles and adjacents and 80-1.5mm/t.a. for all others for heights of 3m and above, made of hot galvanised steel on the inside and outside and fitted with a rack for fastening staples and accessories
- Corner reinforced by crossbars
- Chain link diamond shaped mesh made of 50 kg/m² strength mesh

SIDES HEIGHT	SIDES				FRONT ENDS				
	TOTAL POST LENGTH	ROWS OF WIRE	TYPE	THICKNESS	FRONT ENDS HEIGHT	TOTAL POST LENGTH	ROWS OF WIRE	TYPE	THICKNESS
2m00	2m35 (0m 35 embed.)	3	LUX 80	1.5mm/t.a.	3m00	3m40 (0m 40 embed.)	4	LUX 80	1.5mm/t.a.
3m00	3m40 (0m 40 embed.)	4	LUX 80	1.5mm/t.a.	3m00	3m40 (0m 40 embed.)	4	LUX 80	1.5mm/t.a.
3m00	3m40 (0m 40 embed.)	4	LUX 80	1.5mm/t.a.	4m00	4m40 (0m 40 embed.)	5	LUX 80	1.5mm/t.a.
4m00	4m40 (0m 40 embed.)	5	LUX 80	1.5mm/t.a.	4m00	4m40 (0m 40 embed.)	5	LUX 80	1.5mm/t.a.



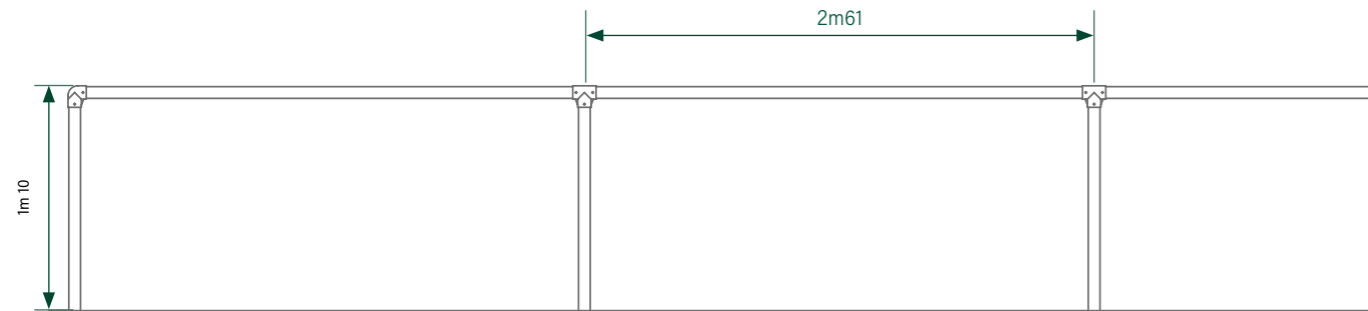
Railings

The railing can be used to separate the pitch area from the spectator area; it also provides an elegant and functional passage area with the addition of a revolving door.

The main applications are football pitches, athletics tracks, horse riding tracks, multi-sports areas, etc.

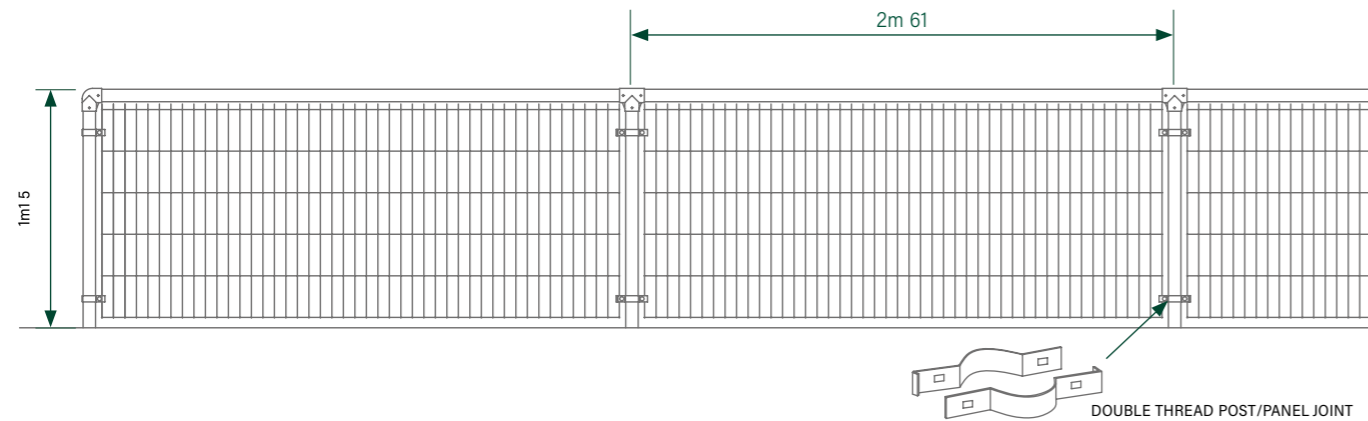
RAILING WITHOUT PADDING:

60mm diameter galvanised steel tube and aluminium fittings for on-site assembly without welding. The HEIGHT of the railing from the ground is 1m 10 (recessed into the ground by 40cm) and the distance between vertical uprights is 2m70.

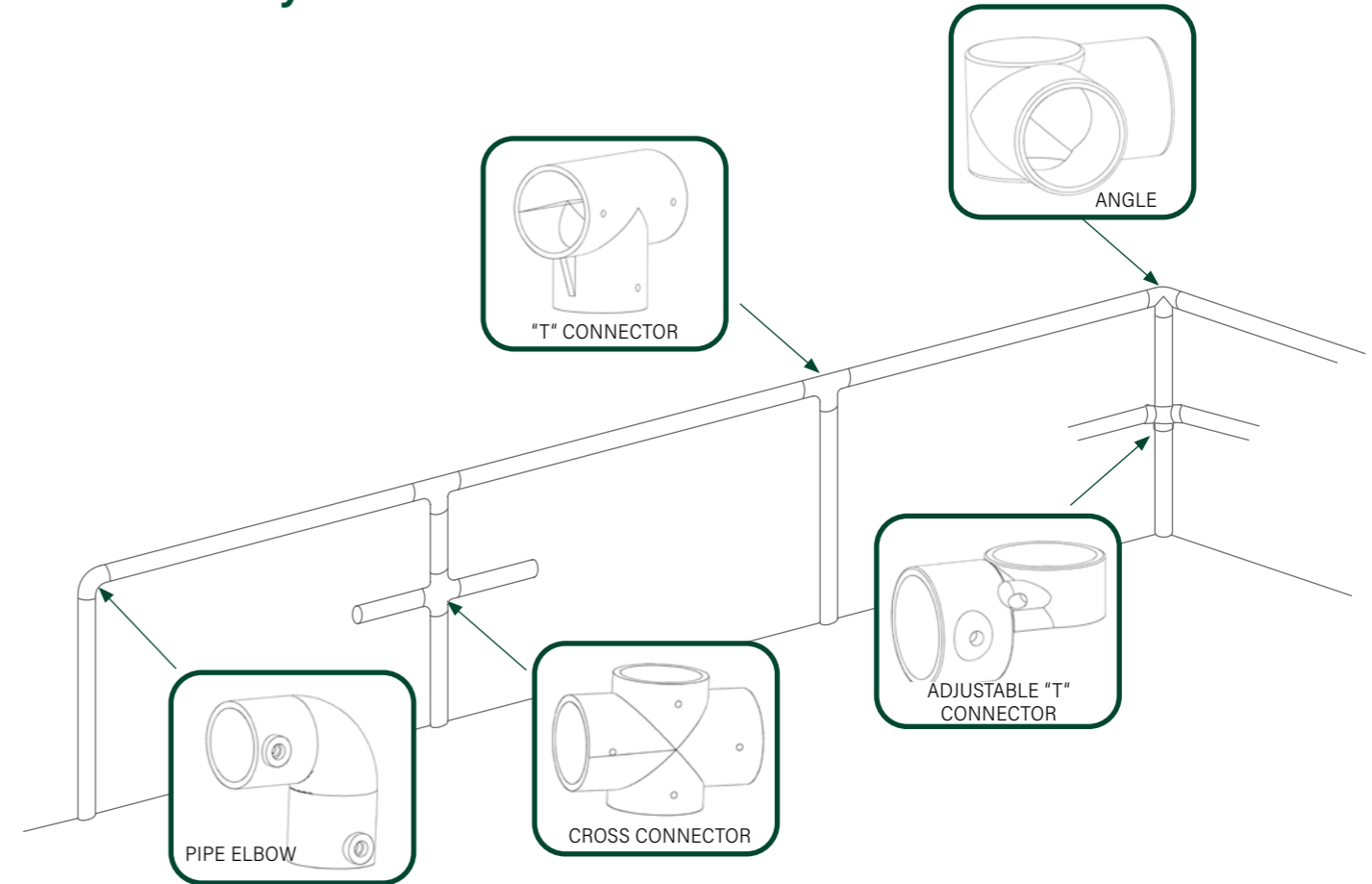


RAILING WITH PADDING:

In the case of railings filled with a 6/5/6 double-thread panel, the HEIGHT of the railing from the ground is 1m 15 (recessed into the ground by 40cm) and the distance between vertical posts is 2m 61. The Double Thread infill guardrail panels are fixed to the vertical posts with metal clamps.



Accessory



Anticorrosion coating

All the materials of the Railing are hot-dip galvanised and plastic-coated with the **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:



protecline

