

ORSOGRIL Fencing: Sterope® 3 Grating Panels

Sterope® 3, the stronger version for the classical Sterope® style manufactured with a 63/64" x 1/8" bearing bar, matches elegance and aesthetic with strength and transparency. These characteristics are ensured by the rectangular mesh that makes it an extremely versatile product. Sterope® 3 fencing panels can be combined with two different types of posts, a classic flat bar or an Orsogrill exclusive squeezed round tube post. Thanks to the Orsogrill new materials careful research, is now also available in the range Cor-Ten steel Sterope® Live, able to give the project a warm chromatic transformation at low maintenance costs.

TECHNICAL DETAILS

Dimensions

- Mesh 2 7/16" x 5 13/64"
- Vertical flat bars 63/64" x 1/3"
- Horizontal rounded bars 1/4"

Material

- S235JR UNI EN 10025 Steel
- COR-TEN Steel

Coating

- Hot-dip galvanizing according to UNI EN ISO 1461
- Painting with polyester resins

Colors

- RAL 6005 green, other RAL colors available on demand

Fixing System

- TDE M25/64" x 3/16" stainless steel bolt
- TTQST M25/64" x 3/16" stainless steel security bolt

Posts

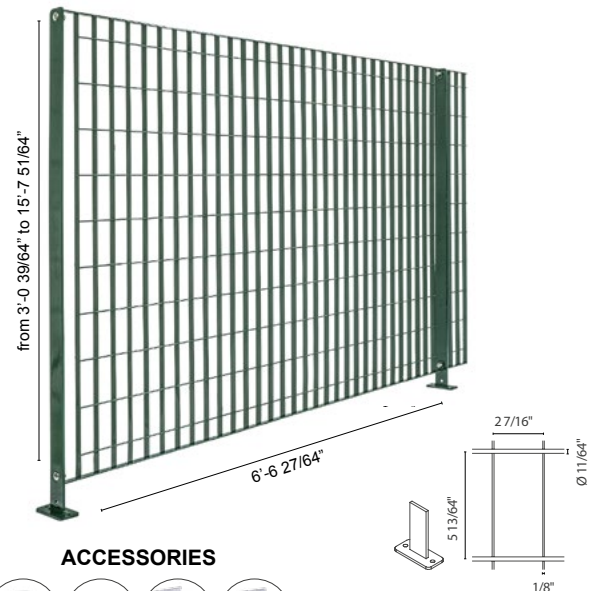
- 2 23/64" x 5/32" - 3 5/32" x 5/16" flat bar posts with base plate or without for concrete anchoring
- Ø 1 31/32" round tube post with base plate or without for concrete anchoring

Gates

- Single, double or sliding leaf gates

APPLICATIONS

- Industrial areas
- Residential areas
- Commercial areas
- Parking garages
- School buildings



ACCESSORIES



Baseplate size 5 1/8" x 2 23/64" x 9/32" with two Ø 15/32" holes for heights up to H 6'-6 3/16" and 4 holes for heights 6'-11 25/64" and 8'-2 31/32"

PRODUCT SPECIFICATIONS

Sterope® 3 electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... inch, width 6'-6 27/64", mesh size 2 7/16" x 5 13/64" with 63/64" x 1/8" vertical flat bars (centers distance 2 7/16") and 11/64" diameter horizontal round bars (centers distance 5 13/64"). The 63/64" x 5/32" flat bar horizontal frame elements, are bent for a length of 1 37/64", slot drilled 15/32" x 5/32" at the ends and are electro-welded to the vertical flat bars by fusion without additional material. Post centers distance: 6'-6 47/64".



PANEL			POST		Post to be set in concrete		Post with base plate	
H	L	Weight	Section	Fixing points	L	Weight galv.	L	Weight galv.
inch	inch	kg/ea	inch	n°	inch	kg/ea	mm	kg/ea
3'-0 39/64"	6'-6 27/64"	21.91	2 23/64" x 5/32"	2	3'-11 41/64"	4.4	3'-3 51/64"	4.2
			Ø 1 31/32"	2		3.1	3'-6 41/64"	3.3
3'-11"	6'-6 27/64"	27.21	2 23/64" x 5/32"	2	4'-10 13/16"	5.4	4'-2 13/64"	5.2
			Ø 1 31/32"	2		3.9	4'-5 1/32"	4.0
4'-4 13/64"	6'-6 27/64"	29.87	2 23/64" x 5/32"	2	5'-3 31/32"	5.9	4'-7 25/64"	5.7
			Ø 1 31/32"	2		4.2	4'-10 15/54"	4.4
4'-9 13/32"	6'-6 27/64"	32.53	2 23/64" x 5/32"	2	5'-9 7/32"	6.4	5'-19/32"	6.1
			Ø 1 31/32"	2		4.6	5'-3 27/64"	4.7
5'-7 51/64"	6'-6 27/64"	37.83	2 23/64" x 5/32"	2	6'-7 21/64"	7.3	5'-10 63/64"	7.1
			Ø 1 31/32"	2		5.2	6'-1 13/16"	5.4
6'-6 3/16"	6'-6 27/64"	43.16	2 23/64" x 5/32"	3	7'-7 31/32"	8.5	6'-9 3/8"	8.0
6'-11 25/64"	6'-6 27/64"	45.82	3 5/32" x 5/16"	3	8'-1 1/14"	13.7	7'-2 37/64"	12.9
8'-2 31/32"	6'-6 27/64"	53.78	3 5/32" x 5/16"	3	9'-6 49/64"	16.1	8'-6 11/64"	15.1

