

STEROPE® 3, the stronger version for the classical STEROPE® style manufactured with a 25x3 mm bearing bar, matches elegance and aesthetic with solidity 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 ORSOGRIL exclusive squeezed round tube post. Thanks to the NUOVA DEFIM ORSOGRIL new materials careful research, is now also available in the range COR-TEN STEEL STEROPE® LIVE, able to give the project a warm chromatic mutation at free-maintenance costs.

TECHNICAL DETAILS

Dimensions

- > Mesh 62x132 mm
- > Vertical flat bars 25x3 mm
- > Horizontal rounded bars 4.5 mm

Material

- > S235JR UNI EN 10025 Steel
- > COR-TEN Steel

Coating

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

Colours

- > RAL 6005 green, other RAL colours available on demand.

Fixing system

- > TDE M10x30 stainless steel bolt
- > TTQST M10x30 stainless steel security bolt

Posts

- > 60X7 - 80X8 mm flat bar posts with base plate or without for concrete anchoring
- > Ø 50 mm round tube post with base plate or without for concrete anchoring

Gates

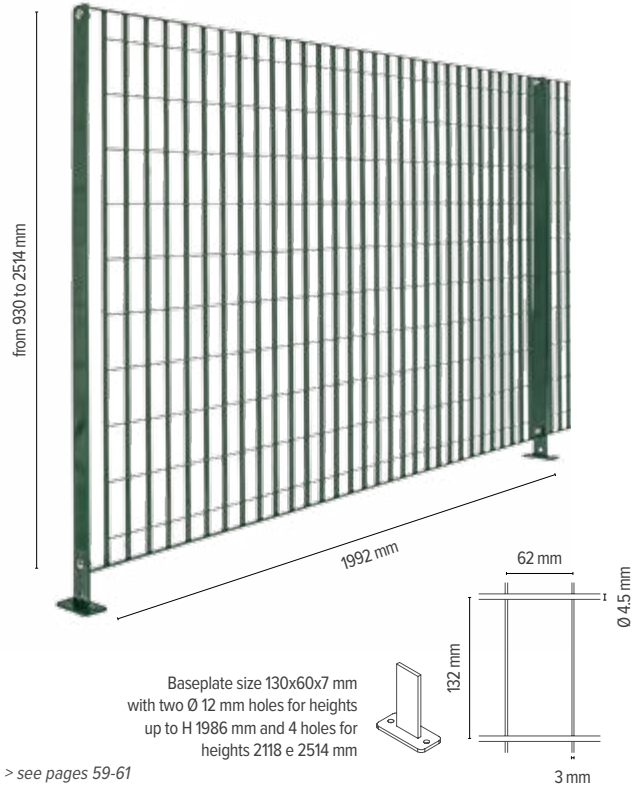
- > Single, double or sliding leaf gates

APPLICATIONS

- > Industrial areas
- > Residential areas
- > Commercial areas
- > Car parks
- > School buildings

PRODUCT SPECIFICATIONS

STEROPE® 3 electro-welded mesh fencing consists of modular monolithic panels, not joined nor welded side by side, with a height of ... mm, width 1992 mm, mesh size 62x132 mm with 25x3 mm vertical flat bars (centres distance 62 mm) and 4.5 mm diameter horizontal round bars (centres distance 132 mm). The 25x4 mm flat bar horizontal frame elements, are bent for a length of 40 mm, slot drilled 12x16 mm at the ends and are electro-welded to the vertical flat bars by fusion without additional material.
Post centres distance: 2000 mm



> see pages 59-61



Squeezed round post Ø 50 mm

Flat bar post 60x7, 80x8 mm

Intermediate fixing brackets only for heights 1986, 2118 and 2514 mm

Adjusting bracket (straight)

| PANEL | | | | POST | | Post to be set in concrete | | Post with base plate | |
|-------|------|--------|-------|---------|---------------|----------------------------|--------------|----------------------|--------------|
| H | L | Weight | | Section | Fixing points | L | Weight galv. | L | Weight galv. |
| mm | mm | kg/ea | kg/m² | mm | n° | mm | kg/ea | mm | kg/ea |
| 930 | 1992 | 21.91 | 11.83 | 60x7 | 2 | 1210 | 4.4 | 1011 | 4.2 |
| | | | | Ø 50 | 2 | 1210 | 3.1 | 1083 | 3.3 |
| 1194 | 1992 | 27.21 | 11.44 | 60x7 | 2 | 1494 | 5.4 | 1275 | 5.2 |
| | | | | Ø 50 | 2 | 1494 | 3.9 | 1347 | 4.0 |
| 1326 | 1992 | 29.87 | 11.31 | 60x7 | 2 | 1625 | 5.9 | 1407 | 5.7 |
| | | | | Ø 50 | 2 | 1625 | 4.2 | 1479 | 4.4 |
| 1458 | 1992 | 32.53 | 11.20 | 60x7 | 2 | 1758 | 6.4 | 1539 | 6.1 |
| | | | | Ø 50 | 2 | 1758 | 4.6 | 1611 | 4.7 |
| 1722 | 1992 | 37.83 | 11.03 | 60x7 | 2 | 2015 | 7.3 | 1803 | 7.1 |
| | | | | Ø 50 | 2 | 2015 | 5.2 | 1875 | 5.4 |
| 1986 | 1992 | 43.16 | 10.91 | 60x7 | 3 | 2336 | 8.5 | 2067 | 8.0 |
| 2118 | 1992 | 45.82 | 10.86 | 80x8 | 3 | 2470 | 13.7 | 2199 | 12.9 |
| 2514 | 1992 | 53.78 | 10.74 | 80x8 | 3 | 2915 | 16.1 | 2595 | 15.1 |



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| | ASSEMBLY SYSTEMS P. 61 |
| | CAPS P. 64 |