



Technical document

OSCURA fencing system

The Units are made up of:

No. 1 fence panel

No. 1 post

No. 2 bolts

- The electrowelded wire mesh fence OSCURA is characterized by $2 \frac{3}{8}'' \times \frac{1}{16}''$ (60x1,5mm) "Z" profiles at $1 \frac{13}{16}''$ (46mm) centre to centre. The connections are $\varnothing \frac{5}{32}''$ (4mm) round bars with $5 \frac{3}{16}''$ (132mm) distance pitch. The horizontal and vertical profiles are $2'' \times \frac{1}{8}''$ (50x3mm) flat bars. The vertical profiles have holes in order to create a support to fix the posts. The edges are welded to the vertical profiles through electrofusion with filler.
- The posts are $2 \frac{3}{8}''$ (60mm) flat bars, $\frac{9}{32}''$ (7mm) thick, with holes to fix the panels.
- In order to fix the panels to the posts, AISI 304 stainless steel nuts and bolts with M10 shear nuts and button head screw with M10x1" (M10x25mm) square neck are included.

The panels and the posts are S 235 JR steel (according to UNI EN 10025).

The coating is applied through hot-dip galvanizing process (UNI EN ISO 1461).

On request the coating of the units is applied using thermosetting polyester powder on hot-dip galvanized material.

Standard dimensions inches (in mm):

Unit width	Panel width	Panel height	Post height	Panel weight	Post weight
78 $\frac{1}{4}''$ (1988mm)	77 $\frac{15}{16}''$ (1980mm)	36 $\frac{3}{8}''$ (924mm)	47 $\frac{1}{4}''$ (1200mm)	4,5 lb/ft ² (22,2 kg/mq)	9,3 lb/each (4,2 kg/cad)
78 $\frac{1}{4}''$ (1988mm)	77 $\frac{15}{16}''$ (1980mm)	47 $\frac{1}{4}''$ (1200mm)	57 $\frac{11}{16}''$ (1465mm)	4,4 lb/ft ² (21,6 kg/mq)	11,2 lb/each (5,1 kg/cad)
78 $\frac{1}{4}''$ (1988mm)	77 $\frac{15}{16}''$ (1980mm)	54 $\frac{3}{8}''$ (1382mm)	65'' (1650mm)	4,4 lb/ft ² (21,4 kg/mq)	12,8 lb/each (5,8 kg/cad)
78 $\frac{1}{4}''$ (1988mm)	77 $\frac{15}{16}''$ (1980mm)	61 $\frac{5}{8}''$ (1566mm)	72 $\frac{13}{16}''$ (1850mm)	4,3 lb/ft ² (21,2 kg/mq)	14,3 lb/each (6,5 kg/cad)
78 $\frac{1}{4}''$ (1988mm)	77 $\frac{15}{16}''$ (1980mm)	74 $\frac{5}{16}''$ (1887mm)	88 $\frac{5}{8}''$ (2250mm)	4,3 lb/ft ² (20,9 kg/mq)	26,5 lb/each* (12,0 kg/cad)

(*) $3 \frac{1}{8}'' \times \frac{5}{16}''$ (80x8mm) flat bar post