**Q40 Fencing – Multi-Use Games Areas**

**Supplied by Lang+Fulton (formerly Orsogril UK)**

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**Multi-Use-Games-Areas (MUGAs)**

**Product Types**

Steel Grating Fences to BS 1722: Part 14 except as varied below or on drawings

**1. Verona**

**2. Palermo**

**3. Genoa**

**1. Verona**

**Verona:** fence with aperture of 63x66mm, made up of 25x2mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom by 25x8mm flat steel bolted to steel posts

**Manufacture & Material**

Electrofused steel S235JR

**Panel and Post Dimensions**

**Panels:** Standard nominal heights 1.0 / 2.0 / 3.0 / 4.0 / 5.0 / 6.0m x 1.89m wide when framed and fixed)

Panels fixed to posts by bolts passing through 3mm plate brackets welded within mesh with a 12x35mm slot, bolted to matching plates on posts providing an even-rebound surface to the playing area

**Posts:** All RHS: 60x40mm for 1m height; 80x40mm for 2m height; 100x50mm for 3m and 4m heights;120x60mm for 5m height

**Fastenings:** panels fixed to posts with M10x25mm stainless steel bolts with domed heads and snap-off security nuts and washers, all stainless steel grade AISI 303

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Gates:** Single leaf gates made to maximum height of 2.1m x 1.2m clear opening width with Verona material welded into gate frame. With 3m fence, gate supplied with transom panel 750mm high above

Double leaf gate made to 2.92m x 3m minimum clear opening width with Verona material welded into gate frame. Double leaf gates supplied with gate posts 150x150mm SHS

**Goals**

Recessed goals: 1200mm high x 3790mm wide; fully enclosed with sloping top panels, side panels; recessed 640mm behind fence line; 100x100 SHS cross bar painted white

**Basket Ball Boards and Nets:** Gladiator 670 or similar free-standing post erected outside the Orsogril fence and passing through aperture made in panel above goal.

**2. Palermo**

**Palermo:** fence with aperture of 43x44mm, made up of 25x2mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom by 25x8mm flat steel bolted to steel posts

**Manufacture & Material**

Electrofused steel S235JR

**Panel and Post Dimensions**

**Panels:** Standard nominal heights 1.0 / 2.0 / 3.0 / 4.0 / 5.0 / 6.0m x 1.89m wide when framed and fixed)

Panels fixed to posts by bolts passing through 3mm plate brackets welded within mesh with a 12x35mm slot, bolted to matching plates on posts providing an even-rebound surface to the playing area

**Posts:** All RHS: 60x40mm for 1m height; 80x40mm for 2m height; 100x50mm for 3m and 4m heights;120x60mm for 5m height

**Fastenings:** panels fixed to posts with M10x25mm stainless steel bolts with domed heads and snap-off security nuts and washers, all stainless steel grade AISI 303

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour

**Gates:** Single leaf gates made to maximum height of 2.1m x 1.2m clear opening width with Palermo material welded into gate frame. With 3m fence, gate supplied with transom panel 750mm high above

Double leaf gate made to 2.92m x 3m minimum clear opening width with Palermo material welded into gate frame. Double leaf gates supplied with gate posts 150x150mm SHS

**Goals**

Recessed goals: 1200mm high x 3790mm wide; fully enclosed with sloping top panels, side panels; recessed 640mm behind fence line; 100x100 SHS cross bar painted white

**Basket Ball Boards and Nets:** Gladiator 670 or similar free-standing post erected outside the Orsogril fence and passing through aperture made in panel above goal.

**2. Genoa (for cranked extensions only)**

**Genoa:** fence with aperture of 126x132mm, made up of 25x3mm vertical flat bars and 5mm diameter horizontal round bars, framed top and bottom by 25x8mm flat steel bolted to steel posts

**Manufacture & Material**

Electrofused steel S235JR

**Panel and Post Dimensions**

**Panels:** Standard height 500 x1893mm wide

Panels fixed to posts by bolts passing through 3mm plate brackets welded within mesh with a 12x35mm slot, bolted to matching plates on posts providing a smooth surface to the playing area

**Posts:** All RHS:120x60mm for 5m height

**Fastenings:** panels fixed to posts with M10x25mm stainless steel bolts with domed heads and snap-off security nuts and washers, all stainless steel grade AISI 303

**Finishing**

Options:

 **(a)** hot dipped galvanized to BS EN ISO 1461

 **(b)** hot dipped galvanized to BS EN ISO 1461 and polyester powder coated to BS EN 13438 in any standard RAL colour