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POOL FENCING SPECIFICATIONS

General

Moduline Poolside Fencing and pool safety gates have been specifically designed to comply with the New Zealand Building Code F9 "Means of restricting access to residential pools" and Clause B "Durability" when installed correctly.

Design Criteria

1. All pool gates must open away from the pool
2. There can be no gaps under the fence or gates greater than 100mm
3. The top of the fence must be a minimum of 1200mm away from the top of any climbable object such as a planter box or retaining wall
4. When the pool gate is held 150mm open in a stationary position and then released the gate must self close and self latch
5. The top of the gate latch must be not less than 1500mm above the ground
6. Consult your local Council Pool Inspector regarding your pool fence layout

Manufacturing Specifications

Moduline Poolside Fencing is made from galvanised or Zinalume® steel and depending on the colour the paint finish is either Colorsteel® or powder coated. The top and bottom rails are roll formed to give a 50 x 50 box section shape. The vertical bars are roll formed 19mm square bars** and the posts are a rolled high tensile steel channel 50 x 35. The vertical bars are spaced such that the gap between bars is not greater than 100mm. Panels can vary in size up to 3.0 metres between posts but generally are 2.42 metres wide. The height over the rails is 1.2 metres although taller panels can be made to overcome problems associated with 'Climb Points.'

** Alternative panel infill = Moduline Duopanel (0.4mm G550)

Installation

Panels are tek screwed back to back and normally the fence is concreted into the ground. Holes for concreting to be 150 to 200mm diameter and 450 to 600mm deep. Special plates are supplied for fixing onto wooden decks or onto existing concrete. For fence posts the plates are 108 x 40 x 6mm or larger and for gate posts the plates are 108 x 108 x 6mm or larger. Recommended coach screws are 100 x 12 dia. galvanised and dyna bolts are 75 x 12 dia. galvanised.

Gates

Unless requested otherwise Moduline Poolside gates are 935mm wide by 1.2 metres high. Hinges used are the 'Tru Close' hinges, which can be adjusted to give adequate self-closing tension. The latch supplied is the award winning 'Magna' latch. This is to be fitted according to the instructions on the packet, the top of which must be not less than 1500mm above the ground. Occasionally double gates are supplied for pool maintenance purposes. In such cases one side of the double gates shall be locked permanently in the closed position either with a padlock or using a key lockable drop bolt. Check with council for prior approval for double gates.

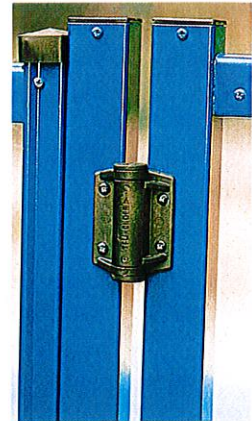
Recommended Maintenance

Check gate return and latching on a regular basis and adjust when necessary. To maintain the good looks of a Poolside fence wash down every six months and use a capful of liquid wax in the washing water if the pool is a 'Salty' or the fence is located near the sea.



Pool Safety Gates

Moduline Poolside safety gates are fitted with the design winning "Magna" latch system which is set 1.5 metres above the ground.



'Tru-close' fully adjustable self closing hinges are used to ensure that the gate always closes.



For safety, security and peace of mind.