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PRODUCT: Stratco Squash Top Fencing



DESCRIPTION

Stratco Squash Top security fencing is suitable for a wide range of commercial, residential and industrial applications including homes, schools, display yards, pool areas, businesses, hospitals and aged care facilities.

Squash Top security fencing uses strong 25 x 25mm square galvanised steel tube fence pickets with pressed spear tops. The fence pickets are inserted through laser cut holes in the 40 x 40mm square galvanised steel tube cross rails. This provides a very strong finish with a smooth aesthetically pleasing design. For additional strength and security, the holes in the cross rail are also silicone bronze welded.

Squash Top security fencing panels are 2400mm wide and are available 1800mm or 2100mm high with 2700mm posts. Squash Top security fencing is powder coated satin black for a highly durable finish, making Stratco Squash Top security fencing a lasting investment. Complete your sanctuary with complementary single and double gates in the same style.

PLACE OF MANUFACTURE

China

DESIGN CONSIDERATIONS

- Stratco Squash Top Fencing is powdercoated Satin Black as standard.
- Choose from two fence heights of 1800mm and 2100mm.
- Standard panel width is 2400mm
- Standard posts lengths 2700mm
- Accessories include gates and rail brackets
- Fences erected around residential pools require a building consent and must comply with the requirements of Clause F9 of the New Zealand Building Code, including the requirements around access and gates. Residential pools (excluding spa pools, hot tubs, etc that have a safety cover as a barrier) require mandatory inspections every three years, either by the territorial authority or an independently qualified pool inspector. The territorial authorities also have the discretion to inspect any residential pool at any time
- Also refer to the Fencing Act 1978 for legal considerations and obligations when building a fence
- Installation advice, tools and accessories that you need to complete your fence are available at Stratco. Alternatively, Stratco can arrange a free measure and quote from one of our Authorised Fencing Dealers.
- Further information: www.stratco.co.nz/nz/fencing/squash-top-security-fencing/

MATERIAL COMPOSITION & COATINGS

Powdercoated Galvanised steel

BUILDING CODE COMPLIANCE

The product will, if used in accordance with Stratco's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** B1.3.1, B1.3.2, B1.3.3 (f,h,j), B1.3.4
Stratco Squash Top Fencing meets the performance requirements of B1.3.1, B1.3.2, B2.3.3 (f), (h), (j) and B1.3.4.
- **Clause B2 Durability:** B2.3.1 (c)
Stratco Squash Top Fencing meets the performance requirements of B2.3.1 (c) 5 years
- **Clause F9 Means of Restricting Access to Residential Pools:** F9.3.1, F9.3.2, F9.3.3
Stratco Squash Top Fencing meets the requirements of F9.3.1, F9.3.2 and F9.3.3 to restrict access to residential pools

Note: Refer to the Fencing Act 1978 for further legal considerations and obligations when building a fence

INSTALLATION

Squash Top fencing shall have a maximum clearance of 100mm to the finished floor/ground level, Minimum post size between gates and panels shall be 65mm x 65mm SHS steel. Post embedded minimum 450mm into concrete footings of minimum 250mm diameter by 600mm depth into 'Good Ground' as defined in NZS 3604:2011. Posts are not to be fixed onto concrete at base.

MAINTENANCE

Stratco Squash Top Fencing can be manually washed by either water and a sponge or a soft nylon brush or by water blasting at pressures of no more than 20MPa. Never use abrasive or solvent based cleaners such as turps, petrol or kerosene.

SECTION 26 OF THE BUILDING ACT

Stratco Squash Top Fencing Systems are not subject to any warnings or bans under Section 26 of the Building Act.

ENVIRONMENT

Stratco has Toitu Enviromark Gold Certification plus, as approved partners with New Zealand Steel, Stratco are licensed to use the Eco Choice Aotearoa Label for products formed in Colorsteel®, Zinalume® and Galvsteel® as made by New Zealand Steel Ltd. Refer [Eco Choice Aotearoa](#)

Stratco sites recycle their steel and aluminium scrap/offcuts. Steel and aluminium are infinitely recyclable so at the end of its useful life they can be recycled and remelted for use in other steel/aluminium products.

Appendix

As reference, this appendix contains the full descriptions of all building performance clauses listed in this document.

B1 Structure

B1.3.1

Buildings, building elements and *sitework* shall have a low probability of rupturing, becoming unstable, losing equilibrium, or collapsing during *construction* or *alteration* and throughout their lives.

B1.3.2

Buildings, building elements and *sitework* shall have a low probability of causing loss of amenity through undue deformation, vibratory response, degradation, or other physical characteristics throughout their lives, or during *construction* or *alteration* when the *building* is in use.

B1.3.3

Account shall be taken of all physical conditions likely to affect the stability of *buildings, building elements* and *sitework*, including:

- (f) earthquake
- (h) wind
- (j) Impact

B1.3.4

Due allowances shall be made for:

1. the consequences of failure,
2. the intended use of the *building*,
3. effects of uncertainties resulting from *construction* activities, or the sequence in which *construction* activities occur,
4. variation in the properties of materials and the characteristics of the site, and
5. accuracy limitations inherent in the methods used to predict the stability of *buildings*

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

(c) 5 years if:

- (i) the *building elements* (including services, linings, renewable protective coating, and *fixtures*) are easy to access and replace, and
- (ii) failure of those *building elements* to comply with the *building code* would be easily detected during normal use of the *building*.

F9 Means of restricting access to residential pools

F9.3.1

Residential pools must have or be provided with physical barriers that restrict access to the pool or the *immediate pool area* by unsupervised young children (ie, under 5 years of age).

F9.3.2

Barriers must either:

- (a) surround the *pool* (and may enclose the whole or part of the *immediate pool area*)

F9.3.3

A barrier surrounding a *pool* must have no permanent objects or projections on the outside that could assist children in negotiating the barrier. Any gates must

- a. open away from the pool; and
- b. not be able to be readily opened by children; and
- c. automatically return to the closed position after use.