

2006 ONTARIO BUILDING CODE REQUIREMENTS

9.8.8.3 Height of Guards

- 1) Except as provided in Sentences (2) to (4), all guards shall be not less than 1070MM (3ft 6 in) high.
- 2) All guards within dwelling units shall be not less than 900 mm (2 ft 11in) high.
- 3) Exterior guards serving not more than one dwelling unit shall be not less than 900 mm (2 ft 11in) high where the walking surface served by the guard is not more than 1800 mm (5 ft 11 in) above the finished ground level.
- 4) Guards for flights of steps, except in required exit stairs, shall be not less than 900 mm (2 ft 11 in) high.
- 5) The height of guards for flights of steps shall be measured vertically from a line drawn through the leading edge of the treads served by the guard.

9.8.8.5. Openings In Guards

(1) Except as provided in Sentence (2), openings through any guard that is required by Article 9.8.8.1. shall be of a size that will prevent the passage of a spherical object having a diameter of 100 mm (4 in) unless it can be shown that the location and size of openings that exceed this limit do not represent a hazard.

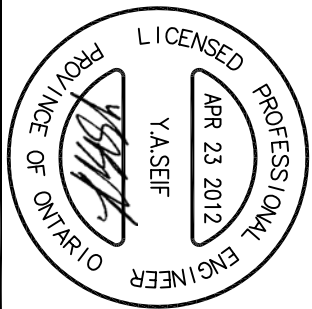
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PART 9 - RESIDENTIAL USE (FROM Table 9.8.8.2 Specified Loads for Guards)

Horizontal Load Applied Inward or Outward at any Point at the Top of the Guard:	ARCHITECTURAL TESTING COMPLIANCE REFERENCE (Test Series No. & Test No.)
0.75 kN/m (52 lb/ft) or concentrated load of 1.0 kN (224 lb) applied at any point	Test Series No.1 - Test No.3
Horizontal Load Applied Inward or Outward on Elements Within the Guard, Including Solid Panels and Pickets:	Test Series No.3 - Test No.5

Concentrated load of 0.5 kN (112 lb) applied at any point on individual elements	Test Series No.3 - Test No.1 & 2
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Evenly Distributed Vertical Load Applied at the Top of the Guard: 1.5 kN/m (103 lb/ft)	Test Series No.3 - Test No.4
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NO.	DATE	DESCRIPTION	BY
3	APR 23/12	ANNUAL RENEWAL - 2012/2013	
2	JAN 24/11	RENEWAL	
1	DEC 08/09	RENEWAL	

CLIENT: TIMBERTECH LIMITED
894 PARADE AVENUE
WILKINGTON, OHIO 45177

NOW DU PROJECT: ARCHITECTURAL TESTING
PROJECT NAME: ONTARIO BUILDING CODE COMPLIANCE

TITLE: RADIANCE RAIL COMPOSITE GUARDRAIL SYSTEM
DATE: AUG 25/08
PROJECT NO.: BD2008-08-01
PROJECT NO.: BD-TT-RR-01

Radiance Rail System

3/4" = 1' - 0"

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