

LINK ALUMINUM RAILINGS & GUARD LTD.

SPECIFICATIONS:

SYSTEM:	Aluminum Railing System
ALUMINUM ALLOY:	6061-T5, 6063-T6
WELDING ALLOY:	5256
MATERIALS:	<ol style="list-style-type: none">1. Aluminum bar, rod, wire: to ASTM B 211M.2. Aluminum and aluminum-alloy extruded bar, rods, wire, shapes, and tubes: to ASTM B 221M.3. Aluminum sheet or plate: to ASTM B 209M.4. Aluminum drawn tubes: to ASTM B 210M.5. Aluminum bolts and rivets: to ASTM B 316M.6. Aluminum welding wire: to AWS A5.10.
	STAINLESS STEEL BOLTS: ASTM A 307 304 Stainless steel threaded rod with chemical anchorage using HILTI HIT HY 200
WELDING:	Welding to CSA W 47.2
FINISHES:	Powder coating shall comply with AAMA 2604. Warranty – 10 Years Optional: Powder coating shall comply with AAMA 2605. Warranty -15 Years PPG/Duramar XL shall comply with AAMA 2605. Warranty – 25 Years
FINISHES:	Ontario Building Code 2012 Edition CSA A500-16: Building Guards Supplementary Standards SB-13 Glass in Guards (June 2, 2012) CAN2-12.1: Glass, Safety (Tempered or Laminated) DIN EN 14179-1 (Sep 2005): Heat-Soaked Thermally Toughened Soda Lime Silicate Safety Glass ASTM A307: Standard Specification for Carbon Steel Bolts and Studs (60,000 PSI Tensile Strength) CAN/CSA-S157-05 (R2010): Strength Design in Aluminum. CSA W59.2-M1991 (R2008): Welded/Mechanical Aluminum Construction CSA W47.2-11: Certification of Companies for Fusion Welding of Aluminum.
TESTING:	CAN3-S157-M & ASTM E935: Standard test methods for performance of permanent metal railing systems and rails for buildings. ASTM E894: Standard test method for anchorage of permanent metal railing systems and rails for buildings
GLASS:	Types: 6mm Tempered Glass, 8mm Opaque/Laminated Glass CAN2-12.1, Glass, Safety, Tempered or laminated. Heat soaked thermally toughened soda lime silicate safety glass Glass installation as per Supplementary Standards SB-13 ,DIN – DIN EN 14179 – 1 SEP 2005. TINT: Clear, Beige, Bronze, Gray, Supergray, Skylight blue, Frosted