

## ARCHITECTURAL SAFETY BARRIERS//

### ARCHITECTURAL VERTICAL CABLE BARRIER// C3~C5 IMPOSED LOAD// NCC TYPICAL COMPLIANCE, CLIMBING MITIGATION & HIGH IMPOSED (CROWD) LOAD

- a. Jakob (10820-0500) Ø5mm gauge (6x7 Wire Rope Cable -19kN MBL)// @ 80mm centres maximum; with
  - I. Counter sunk Jakob End Stops (30866-0500) at top of cables
  - II. Jakob Swaged External Thread (30850-0500-080) at base of cables
  - III. Counter sunk Jakob Adjuster Head with Internal Thread (30866-0500-02) at base of cables
- b. Continuous horizontal rods at approximately 1m above the FFL; nominally a Jakob Ø5.3mm rod
- c. Jakob Cross Clamps (30858-0500) to fix Rods to vertical cables
- d. Fitted and supported to support structure
- e. Incompatible metals isolated as required
- f. Pre-tension, dead and live loads engineered, installed and certified as part of a NCC compliant system, to AS1170.1 (table 3.3) C3~C5
- g. Designed, installed and certified to manufacturer's specifications
- h. All made from AISI grade 316 Stainless Steel and finish; with and manufacturer's documentation of//
  - I. Minimum Breaking Load / Strength capacity, Quality Assurance, and Material Traceability
  - II. Manufactured from 90-100% renewable energy
  - III. With a minimum of 70% recycled content
  - IV. ISO9001 & 14001 working conditions