

## DESCRIPTION

### GUARDRAIL: SPIDER HYBRID MODEL - (Mechanical and Structural) SLAB FRONT

#### 1. PRODUCTS

The aluminum guardrails are assembled according to the standards of the manufacturer Ramp-Art, and are in agreement with the current regulations of the National Building Code.

#### 2. MATERIALS

##### 2.1 Components

The guardrail is made of aluminum extrusions of 6063-T5/T6 alloy.

The PPO-298 support post is extruded from a high strength aluminum alloy, with superior mechanical characteristics, assembled with an SA-087 shoe. The glasses are fixed with an FV-195 fixing to eliminate a high rail and a handrail above the glass.

The glass panels will be tempered or laminated and are in compliance with the glass safety requirements. They are inserted into the aluminum moldings using a flexible vinyl filling (glass framing rails: PLH-319 and PLB-369). Other types of filling are also available, such as solid or perforated aluminum sheet. The handrail, positioned on the inside to leave the upper part of the glass free, will be delivered and installed at a length up to a maximum of 2.9m long: PMC-380.

The connections and wall fixings are made of aluminum.

##### 2.2 Guardrail finish

As standard, the guardrail will have a powder finish coating. Standard AAMA-2604, in the colors of the RAL Classic charter. Availability and minimum quantities to be validated.

A variety of finishes is also available, at an additional cost: Duracron®, Acrynar®, Duranar®, Duranar® XL, Anodise.

### 2.3 Fixings

All anchors are mechanical and made of type 304 stainless steel.  
Hardware assembly is also made of stainless steel.

### 3. MANUFACTURING / INSTALLATION

Ramp-Art guardrails are delivered to the site in preassembled elements and are installed in accordance with the plans and specifications and the manufacturer's instructions.

The finished height of the guardrail is 1070 mm minimum.

The spacing between each PPO-298 support post is determined by the maximum allowable surface area of the glass. All dimensions will either be taken on site before manufacturing the guardrails or validated by the on site individual in charge to accelerate the supply cycle.

### 4. APPROVALS

Shop drawings will be submitted for approval by engineers.

The following elements are indicated in our shop drawings: plan dimensions, thickness, finishes & colors, fittings, joints, anchors, and supports.