



Scala 148

Technical specifications

› **Structure**

- Made of tube and steel plate arc welding with continuous wire.

› **Paint**

- Electrostatic powder polyester paint.
- Paint Thickness: 70-80 microns.
- Grid adhesion according to UNE-EN ISO 2409 : 100%.

› **Upholstery**

- Reaction to fire standards:
 - Spain: UNE-EN 1021 Parts 1 and 2.
 - France: NF D 60-013.
 - Italy: UNI 9175 Class 1.IM.
 - Germany: DIN 66084.
 - USA: CAL TB117.

› **Timber components**

- Pressed beech plywood.

› **Varnish**

- Material: Bicomponent PU Varnish (water or solvent based)

› **Slab foam (Polyurethane foam)**

- Seat density: 40 Kg/m³
- Backrest density: 35-39 Kg/m³

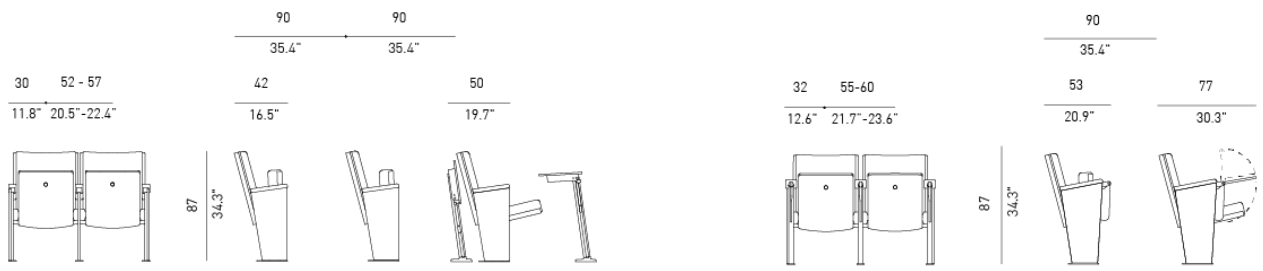
› **Fire resistance**

- BS 5852. Clause 12. Ignition sources 0,1 and 5. (with approved fabric).
- USA: CAL T.B. 133 (with approved fabric).

› **Resistance and durability classification**

- UNE-EN 12727 Level 4 (Severe use).

General dimensions



Scala 148

Scala 148 + F 48

Scala 148 PLX

General description

- Highly comfortable seat, fully upholstered, with a design that highlights its simple and well-defined geometric forms.
- The seat and backrest modules consist of moulded wood plywood and an upholstered open-cell polyurethane foam mattress. The back cushion, and the use of other materials allows us to obtain acoustic absorption coefficients easily adaptable to the requirements of each project.



- The seat is automatically folded by means of a double lateral ball-and-socket joint system (tested at 100,000 cycles), without the need for any type of lubrication and extremely silent.
- The seat is fixed to the floor by means of two lateral metal structures. The upper part is fixed with a varnished beech wood arm. The whole structure is finished in 70 micron polyester paint. It can be easily adapted to the different slopes of the room by the base fixing to the floor.

- The row ends incorporate a panel of beech plywood up to the floor. The intermediate sides consist of the metal structure and the armrest. Each arm is common to two seats except in the case of the final row seats.
- Includes Controlled Soft Rise Technology: Cushioning system that acts only on the return of the seat, avoiding knocks and annoying noises.
- The PLX system with anti-panic lectern can be optionally incorporated. This shovel, when dislodging the seat and fully automatically, is collected on the side of the seat, thus avoiding blocking the passage before a possible evacuation of the room.



However, for the purpose of facilitating to the customer the latest novelties, FIGUERAS reserves the right to introduce the modifications and variations that it considers most appropriate and suitable for marketing its products.

Materials and finishes

› Metal Parts Features

- The steel complies with the following European standards:
 - Tube up to 2mm thick: Alloy designation according to UNE-EN 10305 part 3: E-220.
 - Tube more than 2 mm thick: Alloy designation S275JR.
 - Plate: alloy designation according to EN 10111: DD12.

› Protection and Paint of Metal Parts

- Prior to powder coating, metal parts are treated with a three stage, non-acidic cleaning process to achieve superior finish adhesion. The finishing of the thermosetting polyester powder coating must be applied by electrostatic means with a minimum thickness of 70-80microns.
 - After coating, the parts must be oven cured to create a durable finishing that meets the following requirements:
 - Composition: Polyester powder suitable for outdoor use.
 - Cross Cut Test Adhesion according to UNE-EN ISO 2409 classification GT 0-1.
 - Scratch resistance according to ISO 15184:98 Level HB-H.
 - Total thickness: 70-80Microns.
 - Rust resistance (NSS), according to ISO 9220: 200 h.
 - Resistance to MEK 50 double rubs without paint stripping.

› Seat and Backrest Cushions Features

- The seat and backrest cushions are made of open-cell polyurethane foam.
 - The upholstery of the cushions is handcrafted, allowing all types of upholstery: fabrics, similar leather or natural leather, within the range of products approved by Figueras.
 - This allows the seat to be customized according to each project's requirements.
 - Optionally, a fire barrier can be incorporated between the upholstery and the PUR foam.
 - They comply with all international fire behaviour requirements.

› Upholstery

- Group A:
Figueras Fabrics®



- Group B:

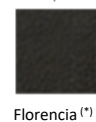


- Group V:



Tecno Valencia (*)

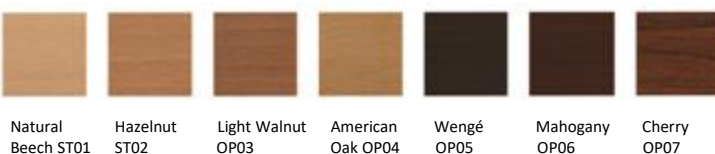
- Group L:



Florencia (*)

(*) Fabric sample / printed by collection. Check colours available.

› Finishes for wood parts



Natural Beech ST01 Hazelnut ST02 Light Walnut OP03 American Oak OP04 Wengé OP05 Mahogany OP06 Cherry OP07

Ask our team for further available options

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