



Sensó 13113

Technical Specifications

› **Structure**

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

› **Polyurethane foam**

- Seat density: 60-65Kg/m³.
- Backrest density: 50-55Kg/m³.

› **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.

› **Leather**

- Adhesion to finish according UNE-EN ISO 11644: >2.5 N/cm².
- Resistance to rubbing according UNE-EN ISO 11640: (Dry, 1.000 Cycles) >4.

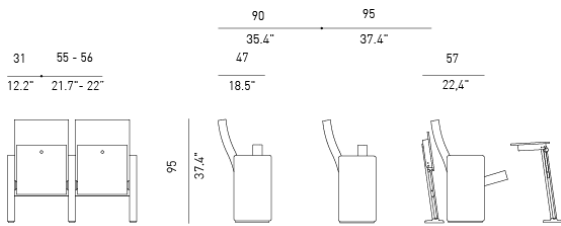
› **Fire resistance**

- BS 5852. Clause12. Ignition sources 0,1 and 5. (with approved fabric).
- USA:CAL T.B. 133 (with approved fabric).

› **Resistance and durability classification**

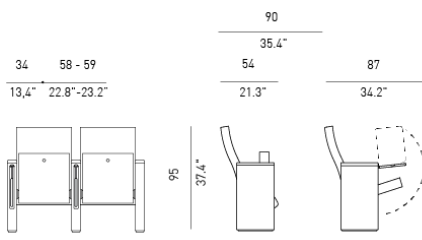
- UNE-EN 12727 Level 4 (Severe use).

General Dimensions

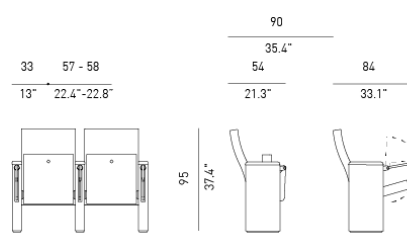


Sensó 13113

Sensó 13113 + F 48



Sensó 13113 APL



Sensó 13113 PLX

General Description

› Seat with folding seat that allows for an excellent optimization of the space due to its reduced dimensions.



· The seat consists of a compact monobloc made up of cold moulded polyurethane foam that completely covers a metal structure, consisting of a curved tube frame, flat springs and articulation pivots for turning.

· The block is covered with an easily replaceable upholstery cover with zipper system. The backrest has the same features. The side panel consists of a compact upholstered monobloc.



· The seat and backrest cushions are anatomically designed with care.

· The seat is automatically folded using a lateral double-ball joint system and the Controlled Soft Rise Technology that avoids noise or annoying bumps when the seat returns to its resting position. Once folded, the seat occupies only 46 cm. The ball-and-socket joint mechanism is made of high-strength polyamide. Inside, we find the turning axis and spring that determine the automatic return.



· The seat, backrest and side panels are connected by a steel central bridge. In this bridge we find the bearings of the ball joint that host the axes of the seat. The sides end in a lower steel base, which is fixed to the floor including hidden metal expansion plugs.

· Reaction to fire: This product complies with international regulations.

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.

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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

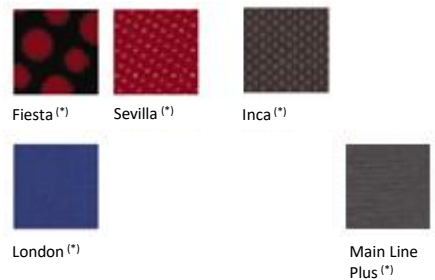
- The seat and backrest cushions are made of cold moulded polyurethane foam.
- In the inside, both include metallic tube structures and steel plates, with springs. This system guarantees great comfort and avoids the appearance of deformations in the foams, even after an intensive use.
- The upholstery of the cushions and headrest is handcrafted, allowing all types of upholstery: fabrics, simile 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.
- Seat foam density 60-65 kg/m³.
- Backrest foam density 50-55Kg/m³.

› Upholstery

• Group A:
Figueras Fabrics ®



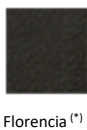
• Group B:



• Group V:



• Group L:



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

› Finishes for wood parts



Ask our team for further available options