Aptum | 247

Aptum 247

Technical specifications

› Structure
· Made of steel plate, arc welding with continuous wire.

› Timber components
· Beech wood and high density wood.

› Polypropylene
· Material: Copolymer Polypropylene 30% GF.
· Tensile strength as per ISO 527-2: 50 Mpa.
· Tensile Modulus as per ISO 527-2.1 : 3600 Mpa.

› Paint
· Electrostatic polyester powder.
· Coat thickness: 70-80 microns.
· Grid adherence according UNE-EN ISO 2409: 100%.

› Cut foam (Polyurethane foam)
· Seat density: 50 Kg/m^3.
· Backrest density: 50 Kg/m^3

› Varnish
· Material: Bicomponent PU Varnish (water or solvent based).

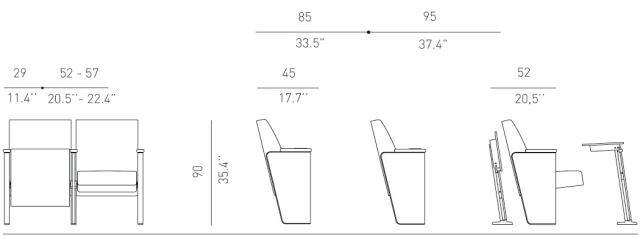
› Upholstery
· Fire rating standards:
- Spain: UNE-EN 1021 Parts 1 and 2.
- France: NF D 60-013.
- Italy: UNI 9175 Class 1.IM.
- Germany: DIN 66084.
- USA: CAL TB117.

› Fire rating standards on finished product·:
· 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).

› IP rights
· Community Design EU number 007432372.

General dimensions



Aptum 247

Aptum 247 + F48

General Description

› Seat of great simplicity, with a timeless lines design and high versatility, suitable for theaters and auditoriums.

· It is distinctive for its great flexibility due to the characteristics of its components. It provides more ease in the variation of its dimensions and inclinations, improving suitability to the different configurations of the room.

· The Aptum seat offers a variety of product versions and multiple finishing options, making it easier to customize and to adapt to the acoustic requirements of any project or venue.

› Seat

· The seat is manufactured with an interior frame made of beech wood and high quality interlocked elastic belts and covered with 50 kg/m3 fireproof and CFC free polyurethane open cell foam. This technology provides a balanced distribution of body weight, giving a greater comfort to the user.

· The upholstery is crafted by master upholsterers, who adjust it to the shape of the seat.

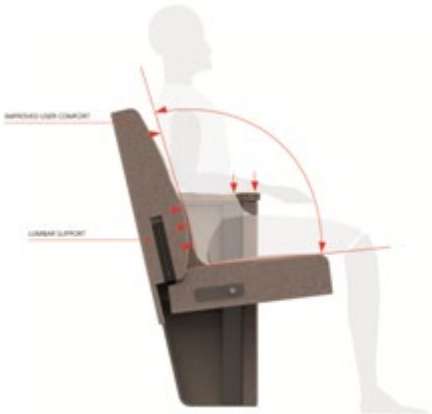
· When not in use, the seat has a tilting movement to return to its vertical position. It incorporates a Controlled Soft Rise Technology System to achieve a slow and silent return of the seat, ensuring a perfect alignment.

› Backrest

· The backrest is made with an interior frame of beech wood and elastic mesh, covered with 50 kg/m3 fireproof and CFC-free polyurethane open cell foam.

· The upholstery, as in the seat, is adjusted to the shape of the backrest.

· Its design incorporates a lumbar support that provides great comfort to the seat and complies with the most rigorous ergonomics standards for collectivities seats.



· It is attached to the side panels by means of two polypropylene supports with fiber glass reinforcement without the necessity of any fixing element. These supports provide excellent rigidity and facilitate the assembly of the backrest and its possible replacement.

› Side

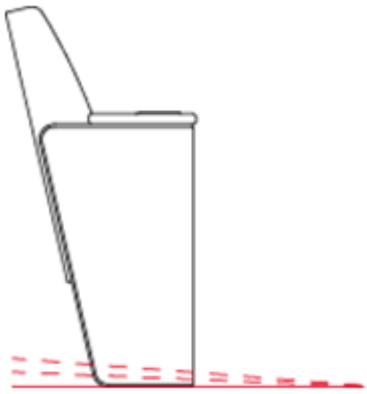
· Sides are manufactured with an arc welding steel plate finished at the top with a beech wood armrest available in multiple finishes.

· The row ends are panelled with a piece of high density wood fully upholstered.

· The metal frame works as a base to fix the seat to the floor.

· Metric screws or other suitable type of anchorage for each type of surface are used for floor fixing.

· Can be adapted to the different inclinations of the room.



› Numbering

· Row numbering system placed on an polyamide plate fixed to the end-of-row side.

· Seat numbering system placed on a polyamide plate fixed to the seat through a pressure clip.

· Reaction to fire: this product complies with international regulations

FIGUERAS

General Description

› Key Strengths

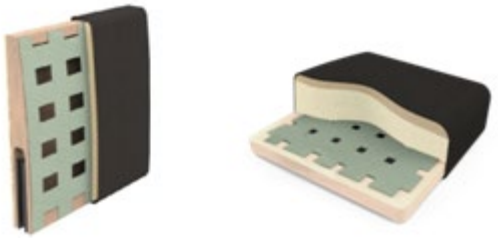
· Flexible seat due to the variability of its dimensions.

Different dimensions of arms, seats and backrests

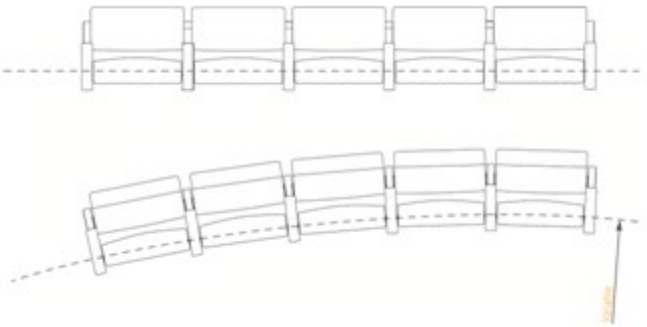
· Multiple finishes available for customization improving the seat adjustment to the acoustic requirements of the space.

· Easy and quick assembly of the seat and backrest components without the necessity of any kind of fixing element. .

· Seat and backrest manufactured with inner frame of beech wood and high quality interlaced elastic belts covered with open cell polyurethane foam. This provides the seat with maximum comfort meeting the highest standards of ergonomics.



· Seat model perfectly adaptable to various linear and curved configurations of the room, according to use regulations.
Minimum radius 10m.



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 70-80 microns.

· 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.

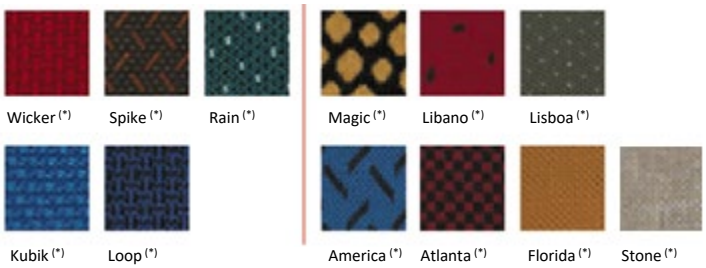
· They comply with all international fire behavior requirements.

· Seat foam density: 50kg/m³

· Backrest foam density: 50Kg/m³

› Upholstery

· Group A:
Figueras Fabrics ®



Wicker (*) Spike (*) Rain (*) Magic (*) Libano (*) Lisboa (*)

Kubik (*) Loop (*) America (*) Atlanta (*) Florida (*) Stone (*)

· Group B:

Fiesta (*) Sevilla (*) Inca (*)

London (*) Main Line Plus (*)

· 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

› Pigments for metal parts

Black N200

Ask our team for further available options