Minispace R Fix | 5064

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Technical Specifications

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

› Polyurethane foam
· Seat density: 60-65 Kg/m³.
· Backrest density: 50-55 Kg/m³.

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

› Fabrics
Fire reaction standards, with **fabrics supplied by Figueras**:
· **Spain**: UNE-EN 1021 Parts 1 and 2
· **France**: NF D 60–013
· **Italy**: UNI 9175 Class 1.IM
· **Germany**: DIN 66084
· **UK/SG/HK**: BS 5852 Ignition Source 0, 1 and Crib 5
- Clause 11 for Figueras polyester fabrics
- Clause 12 for Figueras wool, Valencia and leather fabrics
· **USA**: CAL TB 117

› Timber components
· Pressed beech plywood.

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

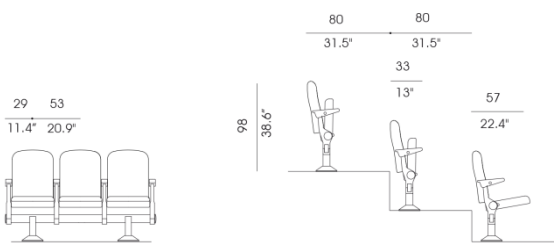
› Aluminium
· Die cast aluminium alloy.
· Tensile strength (Rm)=240 Mpa.
· Elongation <1%.

› 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



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General description

› Folding seat assembled on a bar. The seat folds automatically.

· The seat folds automatically by turning on two side spherical plain bearings with built-in return springs.

· The seat, backrest and armrests as a whole are supported by side components made of die-cast aluminium with epoxy powder paint. These sides incorporate the rotation joints and are fastened to the support pedestal with flanges, also made of injected aluminium, which makes the entire seat totally rigid.

· The seat consists of a single block of cold molded polyurethane foam that covers a metal structure, consisting of a curved tube frame, a band of flat springs and pivot joints for rotation. The block is covered with an easily interchangeable upholstery cover, with a zipper system. The backrest is made with the same characteristics as the seat, incorporating a metal protection plate on the back, if required by the project.

· The sides supporting the seat and backrest are connected to a rectangular tubular steel structure. The feet are also made of round steel tube which ends in a circular base and is anchored to the floor by means of the appropriate anchors according to the type of floor.

· The structures are available in modules of 2, 3 or 4 seats and finished in black epoxy paint with a thickness of 70-80 microns. Curved rows can be formed by joining the modules at a polygonal angle.

· The arms are made of varnished solid beech wood.

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 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

· Comfort* Selection:

· Elegance* Selection:

· Tech*

Valencia

· Leather*

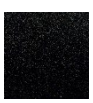
Florencia

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

Figueras Fabrics® - Patented Design

› Finishes for wood parts

› Pigments for aluminium parts



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Ask our team for further available options