

BJERRING

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BRUSELAS C







OVERVIEW

ARMCHAIR DESIGNED AND CREATED FOR HIGH PERFORMANCE AND DURABILITY. METAL STRUCTURE, POLYPROPYLENE SHELLS AND COMPACT FOAM BLOCK MAKE IT A HIGH PERFORMANCE ARMCHAIR, FOR DEMANDING AND CONTINUOUS USE.

SIDES AND STRUCTURE:

The armchair is seated on two lateral metal structures - rectangular profile of cold-formed steel, measures 80x40x2 mm, quality ST-37, with continuous wire arc welding, finished in epoxy powder paint, oven dried, 80/90 micron layer - which integrate the seat shaft support in copolymer polypropylene with safety bridge and locking system, allowing easy replacement without dismantling the armchair. The armrests in the standard version are made of high-density injected polyurethane with a rough surface finish, imitating leather, to prevent the arms from slipping.

This metal structure, together with the polypropylene shell, creates a reinforced unit that houses the upholstered foam blocks.

The sides are projected to the floor and adapted to its inclination by means of a 2 mm thick steel stamping shoe painted in black epoxy that serves as a support and fixing element. The end-of-row sides are upholstered while the inner sides remain open to increase space and user comfort.

Fixed to the floor by means of screws adapted to the type of floor.

BACKREST:

Curved metal frame made of 2 mm thick steel tube that horizontally houses flat and corrugated 3 mm thick steel springs. This assembly is covered with cold-cast polyurethane. The result is a single, compact block with a very high mechanical durability, since the return effort of the foam is actually produced by the metal springs integrated into the structure.

The backrest is upholstered with easily removable and interchangeable covers by means of our own ER (Easy Remove) system. The Velcro strips that are inserted during the polyurethane injection process remain perfectly integrated into the block. The upholstery has another Velcro component for fixing. This provides a perfect bond between the foam and the upholstery, preventing bags, wrinkles and other detrimental consequences for durability. The standard finish is presented with the back part protected by a black polypropylene shell, which also arms the chair.

SEAT:

Curved metal frame made of 2 mm thick steel tube that horizontally houses flat and corrugated 3 mm thick steel springs. This assembly is covered with cold-cast polyurethane. The result is a single, compact block with a very high mechanical durability, since the return effort of the foam is actually produced by the metal springs integrated into the structure.

The seat is upholstered with easily removable and interchangeable covers by means of our own ER (Easy Remove) system. The Velcro strips that are inserted during the polyurethane injection process remain perfectly integrated into the block. The upholstery has another Velcro component for fixing. This provides a perfect bond between the foam and the upholstery, preventing bags, wrinkles and other detrimental consequences for durability, while at the same time, along with its zip system, allows for easy upholstery replacement when desired or necessary.

Automatic double spring lifting system, to ensure perfect leveling and correct operation.

The standard finish is presented with the front part of the seat protected by a black polypropylene shell.



ACCESORIES AND OPTIONS

- **FP (FIRE-PROOF BARRIER)**

Fire-proof barrier made of 100% oxidised polyacrylonitrile (panox) – highly flame-retardant material – placed between the foam and the upholstery for greater protection against fire. Reaction to fire according to UNE 23.727-90 standard, classification M1 and UNE 1021:2015 classification Pass.

- **SR (SILENT RETURN)**

Seat return system that slows down its movement preventing it from pounding at the end of its travel. The return is extremely silent. No maintenance is required.

- **SEAT NUMBERING**

Gravoply, aluminium, embroidery...

- **ROW NUMBERING**

Polypropylene block, polypropylene block with LED lighting...

- **FOLDING WRITING TABLET**

- **ANTI PANIC WRITING TABLET**

- **PD10 INDEPENDENT FOLDING WRITING DESK**

- **FOLDING DESK ON BACKREST**

- **AIR DIFFUSER**

- **CUSTOMISABLE**

COMPONENT	STANDARD	OPTIONS
ARMREST	POLYURETHANE	UPHOLSTERED SOLID VARNISHED BEECH WOOD
END-OF-ROW TRIM	UPHOLSTERED	VARNISHED BEECH PLYWOOD
BACKREST	POLYPROPYLENE SHELL	VARNISHED BEECH PLYWOOD BOARD UPHOLSTERED BOARD OR SHELL
SEAT	POLYPROPYLENE SHELL	VARNISHED BEECH PLYWOOD BOARD
SUPPORT	LATERAL FEET	CENTRAL FOOT



TECHNICAL SPECIFICATIONS

• STRUCTURE

Structure of tube and sheet steel, continuous wire arc welding and steel zig-zag springs fixed between the tubular structures that guarantee the mechanical return of the foam over time

Strength and Durability: UNE-EN 12727:2017 Level 4 (severe public use).

• POLYURETHANE FOAM

High comfort inner backrest of fire-resistant self-extinguishing polyurethane foam block with a density of 54 - 65 kg / m³

High comfort inner seat of fire-resistant self-extinguishing polyurethane foam block on seat with a density of 65 - 72 kg / m³

• PAINT

Metal parts painted in epoxy: polyester electrostatic powder paint, thickness 70-80 microns. Adherence by grid according to UNE-EN ISO 2409: 100 %.

• VARNISH

Permanent varnish, with a coloured background to be chosen.

• UPHOLSTERY

Removable upholstery with zipper and Velcro tape.

Compliance with standards related to:

- Fire resistance
- Colour fastness
- Finish adhesion
- Surface fuzzing and Pilling
- Abrasion resistance



REGULATORY COMPLIANCE

- **STRUCTURE – Strength and Durability:** UNE-EN 12727:2017 Level 4 (Severe public use).

- **FIRE RESISTANCE:**

EU: UNE-EN 1021-1 and UNE-EN 1021-2

UK: BS 5852. Clause 12. Ignition sources 0, 1 and 5 (with approved fabric).

USA: CAL T.B. 133 (with approved fabric).

- **POLYURETHANE foam ignitability:** UNE-EN 1021-1 and UNE-EN 1021-2

- **UPHOLSTERY:**

Reaction to fire standards:

EU: UNE-EN 1021-1 and UNE-EN 1021-2

UK: BS 5852

USA: CAL TB 117, NFPA 260

France: NF D 60- 013

Italy: UNI 9175 Class 1.IM

Germany: DIN 66084, DIN 4102 B1

Colour fastness to artificial light: UNE-EN ISO 105-B02 and UNE-EN ISO 11640: (Dry, 1.000 Cycles) > 4.

Colour fastness to rubbing: UNE-EN ISO 105-X12

Finish adhesion: UNE-EN ISO 11644: > 2.5 N/cm².

Surface fuzzing and Pilling: UNE-EN ISO 12945-2:2000.

Abrasion resistance: UNE-EN ISO 12947-2

- **PAINT:**

UNE-EN ISO 2409: adherence

UNE-EN ISO 13320: granulometry

UNE-EN ISO 2813: gloss

UNE-EN ISO 6272: impact resistance

UNE-EN ISO 1519: bend test

UNE-EN ISO 1520: cupping test

UNE-EN ISO 2808: film thickness

BS 6923: colour difference

- **POLYPROPYLENE COPOLYMER:**

Tensile strength according to ISO 527-2: 26 Mpa.

Modulus of elasticity according to ISO 527-2: 1250 Mpa.

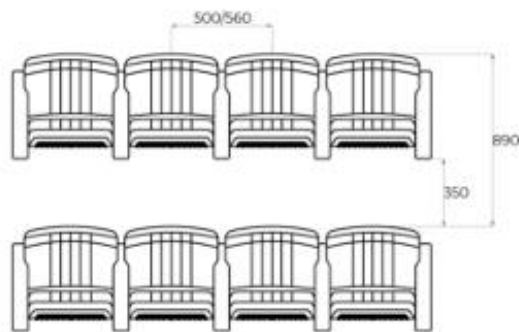
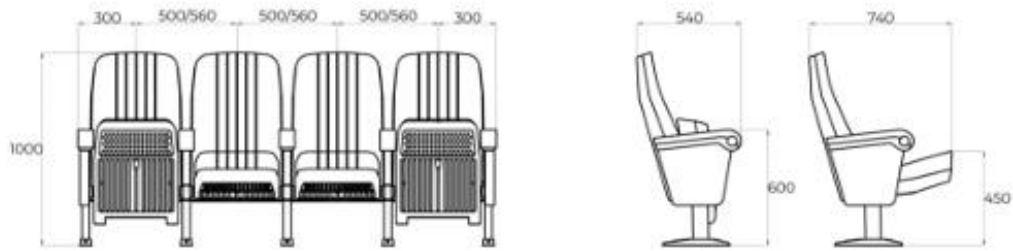
- **COMPANY MANAGEMENT SYSTEMS COMPLIANCE:**

ISO 9001:2015: quality management system

ISO 14001:2015: environmental management system

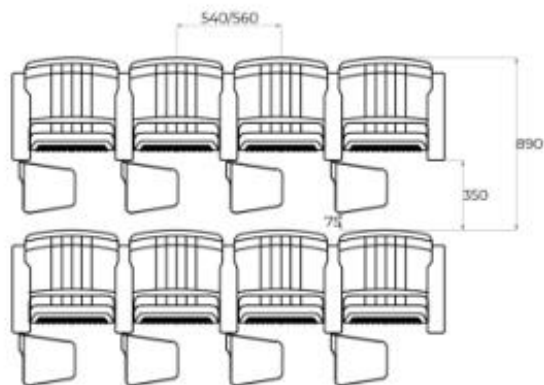
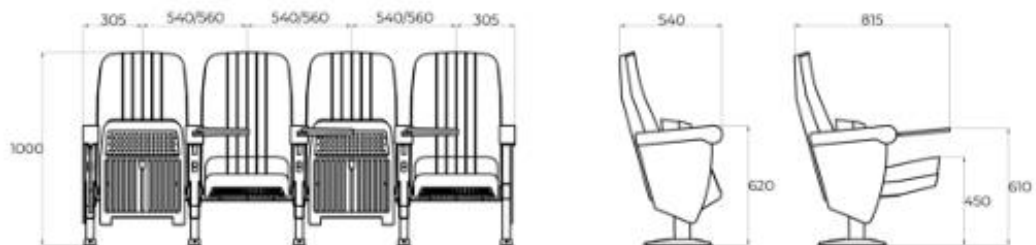
ISO 14006:2011: eco-design

BRUSELAS -C



Para Radio Menor de 10 metros las butacas se implantan con doble brazo (Individuales)

BRUSELAS -C CON PALA PAT (ANTIPANICO)



Para Radio Menor de 10 metros las butacas se implantan con doble brazo (Individuales)



REFERENCE PROJECTS



THEATRES
GLORIETA THEATRE
PRADOLUENGO | BURGOS | SPAIN



CINEMAS
MULTI CINEMA CYNTHIANUM 3D
GENZANO DI ROMA | ITALY



CINEMAS
NOS OEIRAS PARK CINEMA
PAÇO DE ARCOS | PORTUGAL



CERTIFICATES

