

## 128/58 CARMEN

### FUNCTIONAL CHARACTERISTICS

A chair designed to be installed in auditoriums, theatres and lecture halls. It features an excellent balance between design, comfort and its special acoustic absorption properties due to the materials employed.

The backrest is made of plywood board with a 13 mm-thick beech veneer and has a double curve forming a support for the lower back.

The seat is also of plywood board with a 13 mm-thick beech veneer and has an ergonomic curve.

The backrest cushion has a maximum thickness of 4 cm. The foam is open-cell polyester mounted on a wooden backboard attached to the backrest and is easy to take off and replace. The upholstery, which also has special acoustic properties, has vertical fluting and a special shape to support the lower back.

The seat cushion also has vertical fluting. The seat tips up automatically thanks to a double, side-mounted nylon ball-and-socket joint system (tested to 120,000 cycles) that requires no lubrication and is extremely quiet.

Between the upholstery and the foam of both the seat and the back, there is a 5 mm-thick TS System fire curtain that prevents fire from reaching the foam, thus slowing down the emission of toxic gases and flames.

The chair is mounted on a central leg consisting of a steel tube column, a circular base for anchoring it to the floor and a central bridge.

The whole structure is finished in polyester powder paint. It is adjusted to the slope by the base of the foot.

The aisle and in-between sides are composed of a high-density MD wooden panel completely covered with varnished beechwood veneer. These sides contain the seat tip-up mechanism and the varnished solid beechwood arms rest on top of them. Each armrest is common to two seats, except in the case of those at the end of the row. The armrests are made of solid wood.

It may optionally incorporate the PLX anti-panic writing tablet. This tablet completely automatically stows away in the side of the seat, thereby preventing the gangway from becoming blocked in the event of the room or hall having to be evacuated.

The tablet folds away quickly and neatly by means of a ball-and-socket system that allows it to swivel in synchronised fashion on two pins, which ensures greater flexibility and durability. No maintenance required.

The F-45 or F-1000 table can be incorporated for use in lecture halls. Acoustically tested and approved by García B.B.M. International.

## TECNICAL CHARACTERISTICS

### STRUCTURE:

- Steel plate and tube, welded with continuous arc.

### POLYURETHANE FOAM:

- Seat density : 60-65 kg/m<sup>3</sup>
- Back density : 50-55 kg/m<sup>3</sup>

### PAINT:

- Electrostatic powder Polyester
- Coating thickness: 70-80 micras
- Grid adherence: UNE-EN ISO 2409: 100%

### UPHOLSTERY:

- Fire Standards  
  
Spain: UNE-EN 1021 Part 1 & 2  
France: NF/P 92507  
Italy: UNI 9175 Clase 1.IM  
USA: CAL T.B. 133 (in approved fabric)

### FINISHED PRODUCT :

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

### ALUMINIUM:

- Material: UNE L-2630
- Density : 2,7 gr./cm<sup>3</sup>
- Breaking Load: 20 kg/ mm<sup>2</sup>

### PLYWOOD:

- Beech plywood pressed.

### WEIGHT:

- 30 Kg.

### VOLUME:

- 0,18 m<sup>3</sup> (disassembled)