MIT BENCHES

—By Alegre Design—

DESCRIPTION

1. **PU** (polyurethane) **seat and back.** Available in different finishes. Integral **PU** is moulded over a frame formed by a steel plate 40 x 8 mm.
   a. Back has a flexible point at the top half manufactured by elastic strips.
   b. Seat has spring placed in the position that supports the user's weight.

2. Silver aluminim **Arms (model with or without arms)**

3. **Moulded aluminium** support, 4 mm thickness

4. **Beam,** silver steel 60 x 40 x 3 mm. Moulded aluminium plate that fixes the seat to the beam.

5. **Leg,** Steel tube 60 x 2 mm thickness. Available in silver or black

6. **Foot,** Moulded aluminium, 55 cm width, 6 mm thickness. Screwed levellers **(M8)** 56 **(PP)**. Anti-skid pads, polyethylene **(PE).** Leg and foot, epoxy finish, silver 90 micron. Possibility to include anti/bacterial treatment

SIZES

SIZES

Total height: from 2080 mm
Total width: from 810 mm
Seat height: from 450 mm

ARMS

Moulded aluminium arm 20 x 10 mm thickness

BASES

Round shape leg, Steel tube 60 x 2 mm. Moulded aluminium leg, 6 mm thickness

Moulded aluminium support, 4 mm thickness

BACK AND SEAT

(see finishes and fabric card)

MATERIALS

Maximum use of materials to eliminate and minimize scraps. Use of recyclable and recycled materials in those components that do not affect the functionality and durability.

39,82%
RECYCLED MATERIALS

PRODUCTION

Maximum optimization of energy use. Minimal environmental impact. Last generation technological systems. Zero discharge of wastewater. No VOC coatings. Processes free of heavy metals, phosphates, OC and COD.

100%
RECYCLABLE
ALUMINIUM, STEEL & WOOD

TRANSPORT

Detachable systems. Volumes that facilitate the optimization of space. Maximum reduction of energy consumption by transport.

100%
RECYCLABLE
PACKAGE AND THINNER FREE

USE

Quality and warranty. Long lasting. Replacements available.

EASY
TO CLEAN AND MAINTAIN

DISPOSAL

Waste reduction. Supplier-manufacturer packaging reuse system. Components are easy to be separated. Inks in packaging are water-based, without solvents.

76,32%
RECYCLABLE MATERIALS

CERTIFICATES AND REFERENCES

The different programmes get points in different environmental categories to get the LEED certificate (sustainability, material and resources, water, energy and atmosphere, inner environment quality, innovation and design).

FSC www.fsc.org FSC® C106678
The mark of responsable forestry

PEFC
PEFC/04-31-0782
PEFC Certificate

AENOR Ecodiseño ED-0011/2010
EN ISO 14006:2011
ECODESIGN Certificate

AENOR ER Empresa Registrada ER-0597/2001 · IQNet Certified Quality System
UNE-EN ISO 9001:2008
ISO 9001 Certificate

AENOR Gestión Ambiental GA-2003/0202 · IQNet Certified Management System
UNE-EN ISO 14001:2004
ISO 14001 Certificate

E1 EN 13986
E1 Certificate by EN 13986

U.S. Green Building Council LEED Platinum USGBC
ACTIU TECHNOLOGY PARK
LEED® PLATINUM certified by USGBC
Leadership in Energy & Environmental Design
LEED® Gold certified 2011 · LEED® Platinum certified 2017

STANDARDS

MIT has passed tests done in our technical department as well as the tests done in **AIDIMA** the Technological Institute for furniture. The tests correspond to:

- **BN -112-08:2005.** Soiling and cleaning test.
- **UNE-EN 15373:07**. Furniture. Resistance, long lasting, security. Requirements for non domestic use seating.
- **UNE-EN 1728:200.** Domestic furniture - Seating - Test methods for the determination of strength and durability.
- **UNE-EN 1022:05.** Office furniture. Confident chairs.