LEVEL, is a collection of Steel bookcases suitable to be used in libraries, filing areas and exhibitions which are composed of a welded frame with a light aesthetics and thin steel plates at the side.
**LEVEL BOOKCASES GENERAL CHARACTERISTICS**

<table>
<thead>
<tr>
<th>STRUCTURAL FEATURES</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Steel sheet 0.7 mm thickness (possibility 2 mm thickness for projects).</td>
</tr>
<tr>
<td>Welded frame</td>
<td>Welded frame with feet easy to assemble and disassemble.</td>
</tr>
<tr>
<td>Personalized side</td>
<td>Optional methacrylate or MFC side panels.</td>
</tr>
<tr>
<td>Linking devices</td>
<td>Easy and intuitive assemble system. Screwing and hooking.</td>
</tr>
<tr>
<td>Shelves and accessories</td>
<td>Steel sheet 0.7 mm thickness (possibility 2 mm thickness for projects).</td>
</tr>
<tr>
<td>Accessories Adjustment</td>
<td>Easy adjustment. Grooves every 32 mm.</td>
</tr>
<tr>
<td>Levellers</td>
<td>Easy access. Distance up to +20 mm. Bookcases perfectly lined up.</td>
</tr>
<tr>
<td>Castors</td>
<td>Optional lockable, front Anti-skid castors (Ø = 65 mm).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COATING FEATURES</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coating</td>
<td>Electrostatic coat epoxy-polyester - bonding 2nd generation polymerized 200 ºC. Degreasing treatment and nanoceramic application anticorrosion (improvements about 300% in resistance and adherence). No-fingersprint effect.</td>
</tr>
<tr>
<td>Coating thickness (UNE EN ISO 2802:00)</td>
<td>Coating thickness = 90µm</td>
</tr>
<tr>
<td>Adherence in a cross cut (EN ISO 2409)</td>
<td>Surfaces not affected. Not loosings. 5 grades valuation.</td>
</tr>
<tr>
<td>Surface finish</td>
<td>Matt finish.</td>
</tr>
<tr>
<td>Layer hardness (PERSOZ) (UNE EN ISO 1522:07)</td>
<td>D &gt; 220, not penetration in the substrate.</td>
</tr>
<tr>
<td>Impact resistance (UNE EN ISO 6272)</td>
<td>R (12.5 mm) = 50; Not cracks, not remove from the support.</td>
</tr>
<tr>
<td>Anti-corrosive resistance. Salt spray fog (EN ISO 7253)</td>
<td>Essay resistance (R) 500 hours ≤ R ≤ 750 hours. ...............................................................................................................................................</td>
</tr>
<tr>
<td>Thermical resistance. Warm-cold cycles (UNE 48025)</td>
<td>Not apparent variation. 5 grades valuation.</td>
</tr>
<tr>
<td>Light resistance (UNE EN ISO 11341)</td>
<td>Excellent. No cracks neither bubbles. Protected properties remain the same.</td>
</tr>
<tr>
<td>Resistance to chemical products for domestic use without thinner (UNE 48027:80)</td>
<td>Grade 5. Good resistance to acids, alcalys and oils in room temperature.</td>
</tr>
<tr>
<td>Stain resistance (UNE 48027:80)</td>
<td>Not visible fault.</td>
</tr>
<tr>
<td>Maintenance</td>
<td>Easy to maintenance and clean. Recommended to use PH neutral products.</td>
</tr>
<tr>
<td>Anti-bacterium layer</td>
<td>Optional protection for Health, children education, food laboratories requirements.</td>
</tr>
</tbody>
</table>

**FINISHES**

- **Metal frame**
  - White
  - Silver

- **Accessories | Interiors [steel]**
  - White
  - Silver

- **Accessories (Methacrylate)**
  - Strawberry
  - Lime green
  - White

(See finishes cards)
LEVEL - STEEL FRAME MODULES. SINGLE OR DOUBLE FACE

1. Welded steel frame 60 x 30 mm and 2 mm thickness.
2. Steel accessories 0.7 mm thickness up to 2 mm thickness. Optional.
3. Electrostatic coating 90µm thickness.
5. Matt finish.
6. Anti-oxidation.
7. Dismantle frame.
8. Single or double faced.
9. Intuitive linking system.
10. Height adjustment shelves.
11. Inner leveling.
12. Optional anti-tilt mechanism [fixed to the wall].
14. Signage support.

Back divider A and side panel trim B
Technical Profile

■ SIZES AND MODULES

<table>
<thead>
<tr>
<th>Single access modules:</th>
<th>Double face modules:</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Module Diagram" /></td>
<td><img src="image2" alt="Module Diagram" /></td>
</tr>
</tbody>
</table>

![Progressive Welded Frame System](image3)

**LEVEL10 welded frame system library** fix each module with a bolt placed in the upper part of the modules and also with a progressive feet. The user will be able to use as many modules as they need.

**Welded frames used in single or double faced modules are the same. Feet used in both types of modules are different.**

**Note:** In order to use the progressive system is necessary to use modules with the same height.

**■ Progressive Welded frame system (only for individual modules)**

| ![Module Diagram](image4) | ![Module Diagram](image5) |

Better strength
No need any back support bar

* Modules are fixed by bolts and by using progressive feet.
Technical Profile

1. Shelf: Steel sheet with double panel thickness 0,7 mm with dimensions 88 x 32 cm. Side signs 1,5 mm width (h=16 cm)

2. Magazine shelf: Steel sheet with double thickness 0,8 mm with dimensions 88 x 36 cm. Side signs 1,5 mm width

3. Magazine divider: Steel sheet with double panel thickness 0,8 mm and 88 cm length

4. CD Holder shelf: Steel sheet with double panel thickness 0,8 mm with dimensions 88 x 32 cm. Side signs 1,5 mm width

5. Newspaper holder: Consists of side brackets 1,5 mm thickness and steel tubes of 12 mm
Independent bookend:
Steel sheet with double panel thickness 2 mm with integrated foot support. Dimensions 23 x 16 cm

Fixed bookend:
Steel sheet with double thickness 2 mm, with an integrated grip system. Dimensions 23 x 16 cm

Cornice:
Steel sheet with double panel thickness 0.7 mm with dimensions 88 x 32 cm. Side signs 1.5 mm width (h = 8 cm)

Castors
Anti-skid lockable or unlockable castors for double access modules
Diameter: 65 mm
Storage height including castors: +70 mm
Maximum load weight: 100 kg

Trolley book holder:
Consists of a steel tube structure 30 mm with lower castors and an interior melamine drawer 19 mm accessible to both sides
Back Divider (A): Dimensions 83 x 22 cm available in methacrylate in white, strawberry or kiwi finishes 6 mm thickness, only applicable to double shelves and shelves at the same level on both sides. Side Panels (B): available in methacrylate in white, strawberry or kiwi finishes 6 mm thickness [available for models with a depth 38 cm with access to one face and models with double depth 69 cm with access to both sides]
Technical Profile

Top label: Extruded transparent Methacrylate frame [PMMA] and 88 cm length for periodic replacement of identification

Side view: Double panelled steel sheet with an integrated grip system using double panelled and laminated methacrylate parallel to the back of the shelving

Movable Shelf: Extruded transparent Methacrylate frame [PMMA] and 15 cm length for periodic replacement of identification. It allows movement along the accessory upon which it is installed.

Row Content directory: Double panelled steel sheet with an integrated grip system using folded and laminated methacrylate, situated upon a side structure.

Front view: Double panelled steel sheet with an integrated grip system using double panelled and laminated methacrylate parallel to the back of the shelving
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).

STANDARDS

LEVEL 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 UNE standards and Filing system cabinets:

- UNE: EN14073-2:05. Office furniture. Tables and desks and storage furniture. Safety requirements.