CLASS, it’s a bookcase programme for libraries, filing areas and product exhibitions where versatility, technology and quality are the main characteristics to define a programme suitable for the most demanding projects.
CLASS BOOKCASES GENERAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>CLASS BOOKCASES GENERAL CHARACTERISTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td>Steel sheet 0.8 mm thickness (possibility 2mm thickness for projects) MFC - 10 mm and 25 mm thickness</td>
</tr>
<tr>
<td>Structure</td>
<td>Easy to assemble and dismantle</td>
</tr>
<tr>
<td>Side panels</td>
<td>25 mm MFC thickness</td>
</tr>
<tr>
<td>Base</td>
<td>Straight base</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 0.8 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>Handles</td>
<td>Ergonomics and set handles. Zamak</td>
</tr>
<tr>
<td>Locks (available only in doors)</td>
<td>Open-close position. Possibility of an exclusive key. Top security</td>
</tr>
<tr>
<td>Levellers</td>
<td>Easy access. Distance up to +20 mm. Bookcases perfectly lined up</td>
</tr>
</tbody>
</table>

COATING FEATURES

| Coating | 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. |
| Coating thickness (UNE EN ISO 2802:00) | Coating thickness = 90µm |
| Adherence in a cross cut (EN ISO 2409) | Surfaces not affected. Not loosings. 5 grades valuation. |
| Surface finish | Matt finish. |
| Layer hardness (PERSOZ) (UNE EN ISO 2409) | D > 220, not penetration in the substrate. |
| Impact resistance (UNE EN ISO 6722) | R (12,5 mm) = 50: Not cracks, not remove from the support. |
| Thermical resistance. Warm-cold cycles [UNE 48025] | Not apparent variation. 5 grades valuation. |
| Light resistance (UNE EN ISO 11341) | Excellent. No cracks neither bubbles. Protected properties remain the same. |
| Resistance to chemical products for domestic use without thinner (UNE 48027:80) | Grade 5. Good resistance to acids, alcalys and oils in room temperature. |
| Stain resistance (UNE 48027:80) | Not visible fault. |
| Maintenance | Easy to maintenance and clean. Recommended to use PH neutral products. |
| Anti-bacterium layer | Optional protection for Health, children education, food laboratories requirements.... |

FINISHES

<table>
<thead>
<tr>
<th>Metal frame</th>
<th>MFC frame</th>
<th>Accessories</th>
<th>Interiors [steel]</th>
<th>Accessories</th>
<th>Methacrylate</th>
<th>Doors</th>
<th>Cabinets</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>White</td>
<td>White</td>
<td>Clear</td>
<td>Strawberry</td>
<td>Lime green</td>
<td>White</td>
<td>Clear</td>
</tr>
<tr>
<td>(See finishes cards)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

--- www.actiu.com ---
CLASS 20 - MFC SIDE PANELS SINGLE OR DOUBLE FACE

- MFC 25 mm thickness
- Steel accessories 0.8 mm thickness up to 2 mm thickness. Optional
- Electrostatic coating. 90um thickness No finger print treatment
- Matt finish
- Anti-oxidation
- Dismantle frame
- Single or double faced
- Intuitive linking system
- Height adjustment shelves
- Inner leveling
- Optional anti-tilt mechanism (fixed to the wall)
- Straight base
- Signage support
- Open backs manufactured by steel
- Stabilizing frame. 1 Steel tube 30 x 10 mm and 1.5 mm thickness.
  2 MFC back panel 10 mm thickness.
- Steel stabilizing frame
- Double MFC or steel back panel. Optional
## SIZES AND MODULES

Class 20 bookcases with steel side panels are also progressive, both in 1 access modules and in the double face modules. To be able to get a progression, it is necessary to order the starter modules plus the progressive modules. Note: Single modules can’t receive progressive modules.

### Single access modules:

![Single access module diagram]

**ALWAYS FIXED ON THE WALL**

**Only one face access**

### Double face modules:

![Double face module diagram]

**Module accessible double face**

### PROGRESSIVE SYSTEM

Class 20 bookcases with steel side panels are also progressive, both in 1 access modules and in the double face modules. To be able to get a progression, it is necessary to order the starter modules plus the progressive modules. Note: Single modules can’t receive progressive modules.

### BACKS

Library shelving include backs which can be opened or closed.
Technical Profile

**ACCESSORIES**

**CLASS 20**

1. **Shelf**: Steel sheet with double panel thickness 0,8 mm with dimensions 88 x 32 cm

2. **Magazine shelf**: Steel Sheet with double thickness 0,8 mm with dimensions 88 x 36 cm

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

4. **CD holder shelf**: Steel Sheet with double thickness 0,8 mm with dimensions 88 x 32 cm

5. **Newspaper holder**: Consists of side brackets 1,5 mm thickness and steel tubes of 12 mm

6. **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

Pull out shelf: Steel sheet with double panel thickness 0.8 mm and dimensions 88 x 32 cm with telescopic guides using steel balls

Divider drawer

Single display stand: Steel sheet with double panel thickness 0.8 mm with dimensions 88 x 32 cm with top steel frame in the shape of an ‘H’ and steel width 1.5 mm. You must always use it with metal top shelf

Double display stand: Steel sheet with double panel thickness 0.8 mm with dimensions 88 x 32 cm with a top steel frame in the shape of an ‘H’ and steel width 1.5 mm. You must always use it with metal top shelf

Back panel divider: Dimensions 83 x 22 cm available in translucent methacrylate (Ps) 5 mm thickness or methacrylate in strawberry or kiwi finishes 6 mm thickness, only applicable to double shelves and shelves at the same level on both sides
### Technical Profile

1. **Top label**: Extruded transparent Methacrylate frame (PMMA) and 88 cm length for periodic replacement of identification.

2. **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.

3. **Fixed Label Holder**: Methacrylate frame extruding transparent (PMMA) and 88 cm, for periodically substituting the identification.

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

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

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

### Cabinets with doors: With keys.


### Accessories: Class 20

#### Top label:
- Extruded transparent Methacrylate frame (PMMA) and 88 cm length for periodic replacement of identification.

#### 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.

#### Fixed Label Holder:
- Methacrylate frame extruding transparent (PMMA) and 88 cm, for periodically substituting the identification.

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

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

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

---

### 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.

---

### Plinth trim for interior drawers:

Steel plate 0.88 mm. Optional. Only for drawers which are situated directly on the plinth base. Drawer fastened.
UNDER PROJECT
OPTIONAL MODULES WITH STEEL SIDE PANELS. SINGLE OR DOUBLE FACE
In those projects that require it, the CLASS program offers the possibility of optional modules with steel side panels (single or double face). To request this type of side panels in the projects, please consult our Commercial Department.
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.

24.93%
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%
RECYCLED ALUMINUM, STEEL & WOOD

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

100%
RECYCLED 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.

98.61%
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).