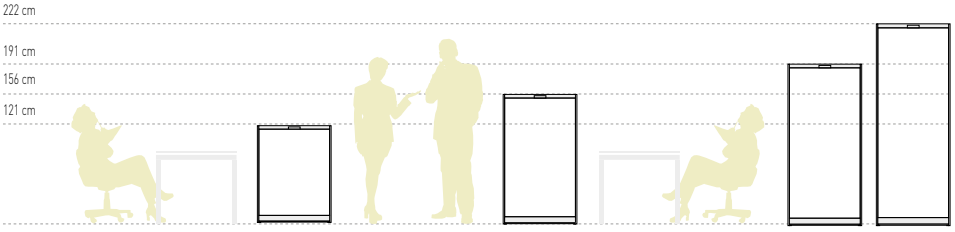
CLASS

— By Alegre Design —

LIBRARY CLASS

STABLE AND ROBUST

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

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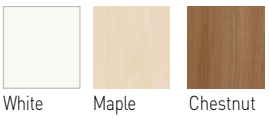
STRUCTURAL FEATURES	Material	Steel sheet 0,8 mm thickness (possibility 2mm thickness for projects)
	Structure	Easy to assemble and dismantle
	Side panels	Double steel sheet
	Base	Straight base
	Linking devices	Easy and intuitive assemble system. screwing and hooking
	Shelves and accessories	Steel sheet 0,8 mm thickness (possibility 2 mm thickness for projects)
	Accessories Adjustment	Easy adjustment. Grooves every 32 mm
	Handles	Ergonomics and set handles. Zamak
	Locks(available only in doors)	Open-close position. Possibility of an exclusive key. Top security
	Levellers	Easy access. Distance up to +20 mm. Bookcases perfectly lined up
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 thikness (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 1522:07)	D > 220, not penetration in the substrate.
	Impact resistance (UNE EN ISO 6272)	R (12,5 mm) = 50; Not cracks, not remove from the support.
	Anti-corrosive resistance. Salt spray fog (EN ISO 7253)	Essay resistance (R) 500 hours ⩽ R ⩽ 750 hours.
	Thermical resistance. Warm-cold cycles (UNE 48025)	Not apparent variation. 5 grades valuation.
	Humidity resistance (UNE EN ISO 9227:07)	Achieved. Not bright losing or bubles.
	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

Metal frame

White Silver

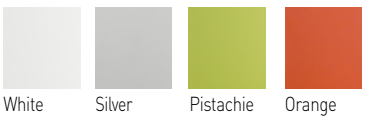
MFC frame



White Maple Chestnut

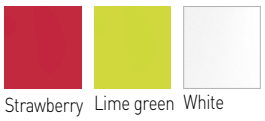
(See finishes cards)

Accessories | Interiors (steel)



White Silver Pistachie Orange

Accessories | Methacrylate

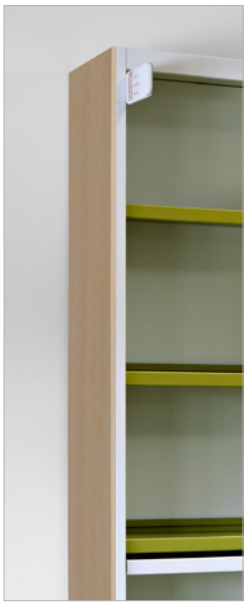


Strawberry Lime green White

Doors | Cabinets

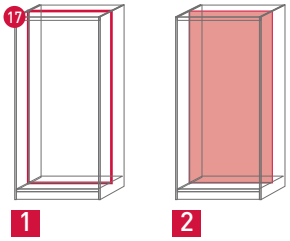
Clear

CLASS 10 - STEEL SIDE PANELS MODULES. SINGLE OR DOUBLE FACE



Side panels: Melamine board 10 mm width in natural wooden finishes.

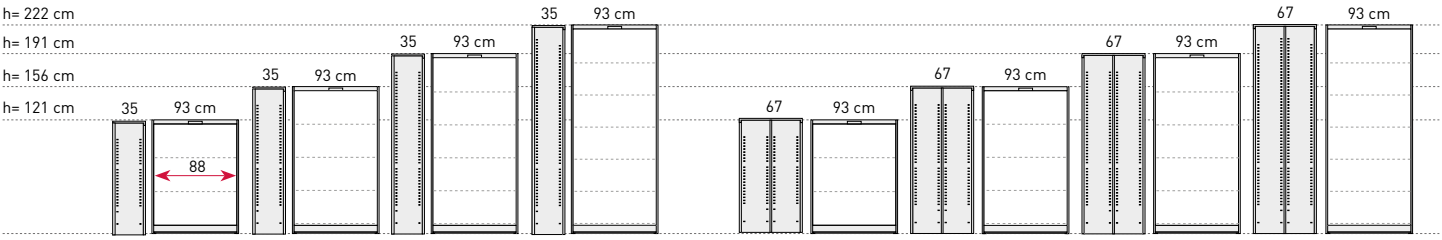
1. Steel 0,8 mm thickness
2. Steel accessories 0,8 mm thickness up to 2mm thickness,**optional**
3. Electrostatic coating. 90um thickness
4. No finger print treatment
5. Matt finish
6. Anti-oxidation
7. Dismantle frame
8. Single or double faced
9. Intuitive linking system
10. Height adjustment shelves
11. Inner leveling
12. **Optional** anti-tilt mechanism **(fixed to the wall)**
13. Straight base
14. Signage support
15. **Optional** accessories
16. **Optional** tops
17. Stabilizing frame. 1 Steel tube 30 x 10 mm and 1,5 mm thickness. Steel back panel 2 0,8 mm or MFC back panel 10 mm thickness.
18. **Optional** back divider



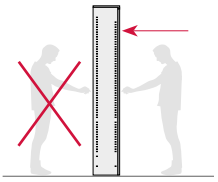
1 Steel stabilizing frame

2 Double MFC or steel back panel. **Optional**

SIZES AND MODULES



Single access modules:

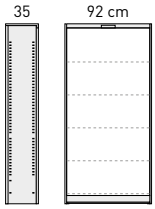


Back bookcase
No access

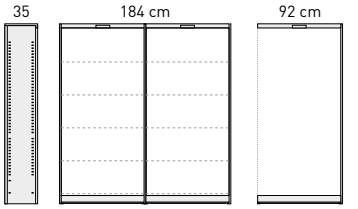
Access point

ALWAYS FIXED ON THE WALL

Only one face access



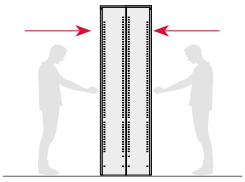
Starter module



Progressive module

Progressive module

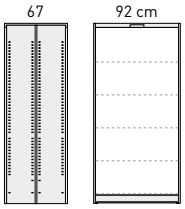
Double face modules:



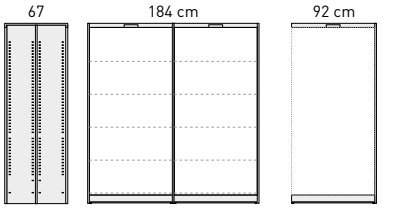
Access point

Access point

Module accessible double face



Starter module



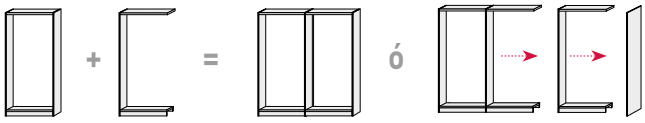
Progressive module

Progressive module

PROGRESSIVE SYSTEM

Class 10 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 module:



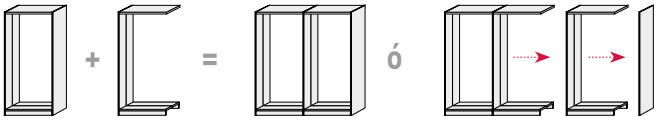
Starter module

Progressive module

2 modules

1 Módulo individual más módulos de progresión

Double face module:



Starter module

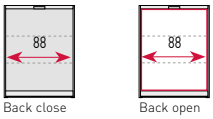
Progressive module

2 modules

1 starter module + as many progressive modules you need

BACKS

LIBRARY SHELVING INCLUDE BACKS WHICH CAN BE OPENED OR CLOSED

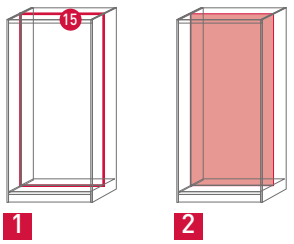


Back close

Back open

CLASS 20 - MFC SIDE PANELS SINGLE OR DOUBLE FACE

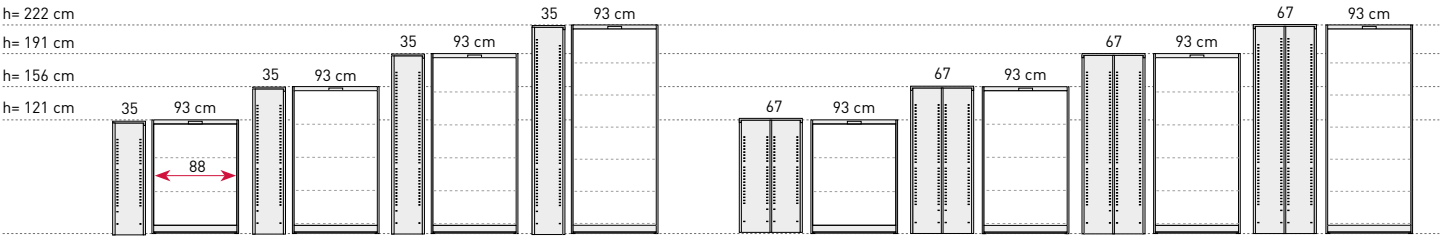
1. MFC 25 mm thickness
2. Steel accessories 0,8 mm thickness up to 2 mm thickness. **Optional**
3. Electrostatic coating. 90um thickness No finger print treatment
4. Matt finish
5. Anti-oxidation
6. Dismantle frame
7. Single or double faced
8. Intuitive linking system
9. Height adjustment shelves
10. Inner leveling
11. **Optional** anti-tilt mechanism **(fixed to the wall)**
12. Straight base
13. Signage support
14. Open backs manufactured by steel
15. Stabilizing frame. 1 Steel tube 30 x 10 mm and 1,5 mm thickness.
    2 MFC back panel 10 mm thickness.



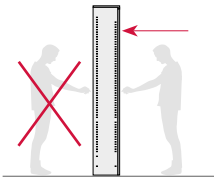
1 Steel stabilizing frame

2 Double MFC or steel back panel. **Optional**

SIZES AND MODULES

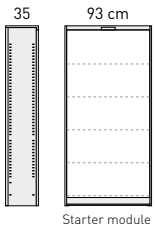


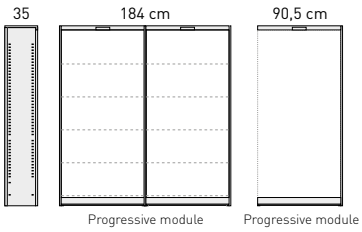
Single access modules:



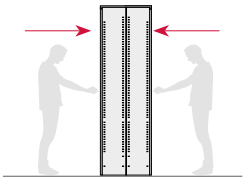
ALWAYS FIXED ON THE WALL

Only one face access

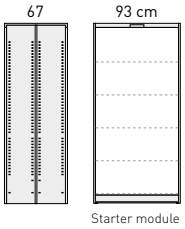


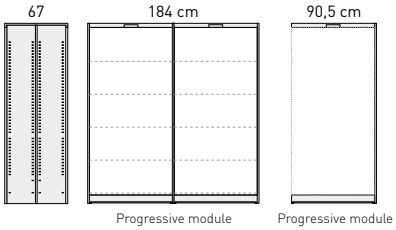


Double face modules:



Module accessible double face

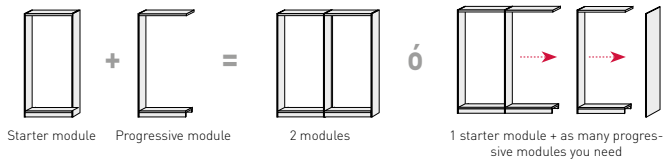




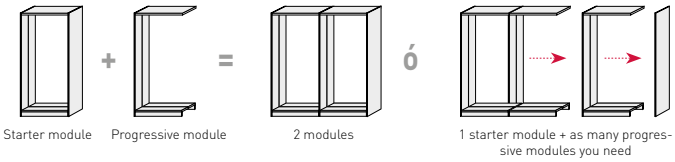
PROGRESSIVE SYSTEM

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**

Single access module:

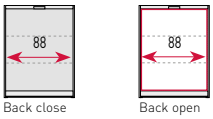


Double face module:

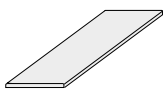


BACKS

LIBRARY SHELVING INCLUDE BACKS WHICH CAN BE OPENED OR CLOSED



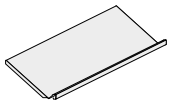
Shelf



1

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

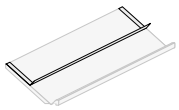
Magazine shelf



2

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

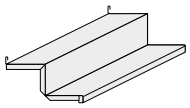
Magazine divider



3

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

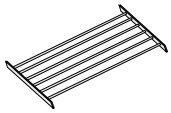
CD holder shelf



4

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

Newspaper holder



5

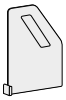
Newspaper holder: Consists of side brackets 1,5 mm thickness and steel tubes of 12 mm

Independent bookend

6

Independent bookend: Steel sheet with double panel thickness 2 mm with integrated foot support. Dimensions 23 x 16 cm

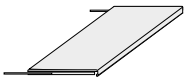
Fixed bookend



7

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

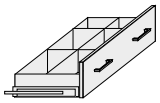
Pull out shelf



8

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



9

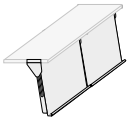
Drawer: Frame made from steel sheet 0,8 mm thickness and dimensions 84 x 26,5 x (h) 10 cm. Frontal height 15,5 cm made in 0,8 steel sheet or from a 16 mm melamine board. With telescopic guides using steel balls. Surface handles made of zinc. Interior dividers made from sheet steel
0,8 mm and 10 cm height
(6 compartments)

Single Display stand

10

Single display stand: Steel sheet with double panel thickness 0,8 mm with dimensions 44 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

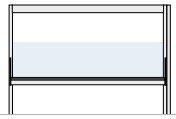
Double display stand



11

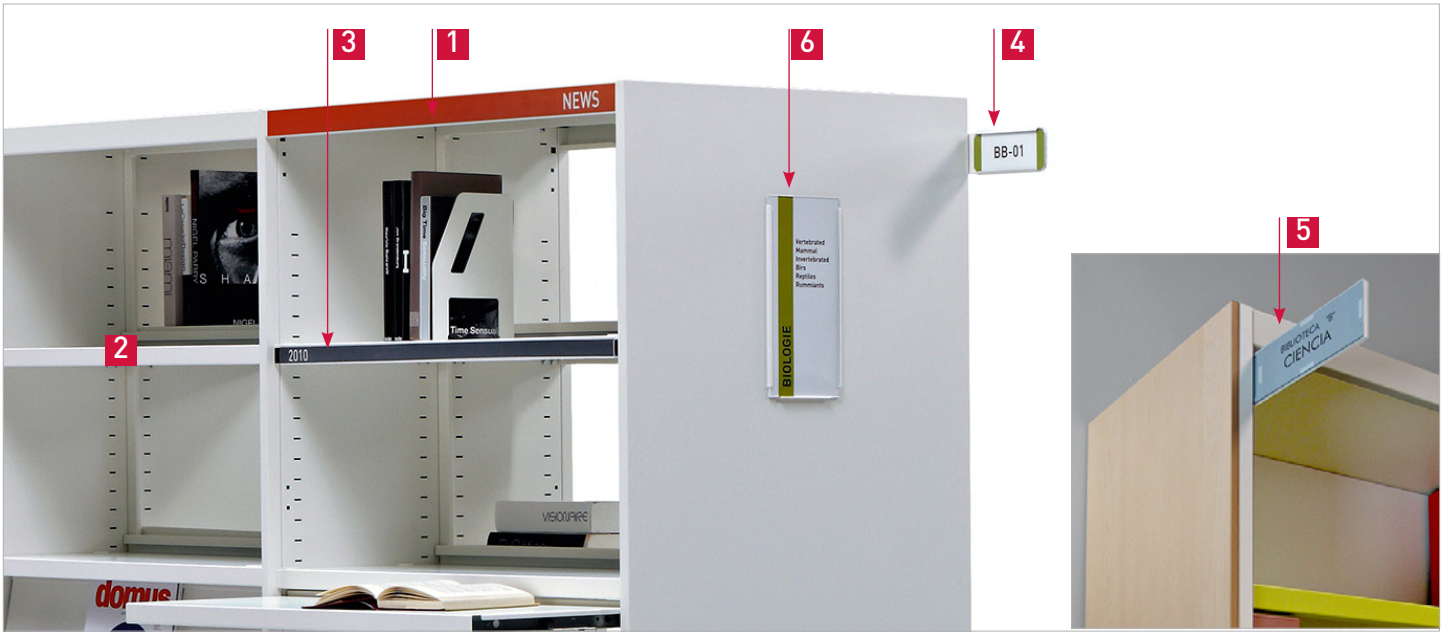
Double display stand: Steel sheet with double panel thickness 0,8 mm with dimensions 88 x 32 cm with a top steel frame in the shape of an 'H' and steel width 1,5 mm. You must always use it with metal top shelf

Back panel divider



12

Back panel divider: Dimensions 83 x 22 cm available in translucent methacrylathe (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



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

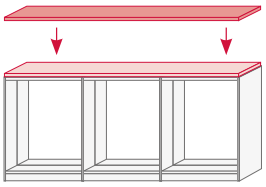
2 **Movable Shelf:** Extruded transparent Methacrylate frame (PMMA) and 15 cm length for periodic replacement of identification. It allows movement along the accessory upon which it is installed.

3 **Fixed Label Holder:** methacrylate frame extruding transparent (PMMA) and 88 cm length, 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

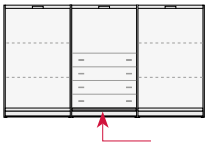
6 **Row Content directory:** Double panelled steel sheet, with an integrated grip system using double panelled and laminated methacrylate, situated upon a side structure



The possibility of incorporating top covers allows

Cabinets with doors: With keys. Made from **anodized aluminium.** Lockable Glass doors **Glass: 4 mm** thickness. Surface handles made of zinc finished aluminized. Security lock using flat side latches with sliding length. Automatic block hinges with three-dimensional adjustment and auto lock

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



WITH plinth trim for bottom drawer

Plinth trim for interior drawers: Steel plate 0,88 mm **Optional.** Only for drawers which are situated directly on the plinth base. Drawer fastened

WITHOUT plinth trim for bottom drawer

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.

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.

97,55%
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 — CERTIFIED IQNet QUALITY SYSTEM
UNE-EN ISO 9001:2008
ISO 9001 Certificate

AENOR Gestión Ambiental GA-2003/0202 — CERTIFIED IQNet MANAGEMENT SYSTEM
UNE-EN ISO 14001:2004
ISO 14001 Certificate

ACTIU PRODUCE Y UTILIZA TABLEROS CLASE E1 STANDARD - NORMA EUROPEA
E1 EN 13986
E1 Certificate by EN 13986

U.S. GREEN BUILDING COUNCIL LEED GOLD USGBC
PARQUE TECNOLÓGICO ACTIU
proyecto certificado LEED® GOLD por el U.S. Green Building Council en 2011
Leadership in Energy & Environmental Design

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%
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.

98,61%
RECYCLABLE MATERIALS

CERTIFICATES AND REFERENCES

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