

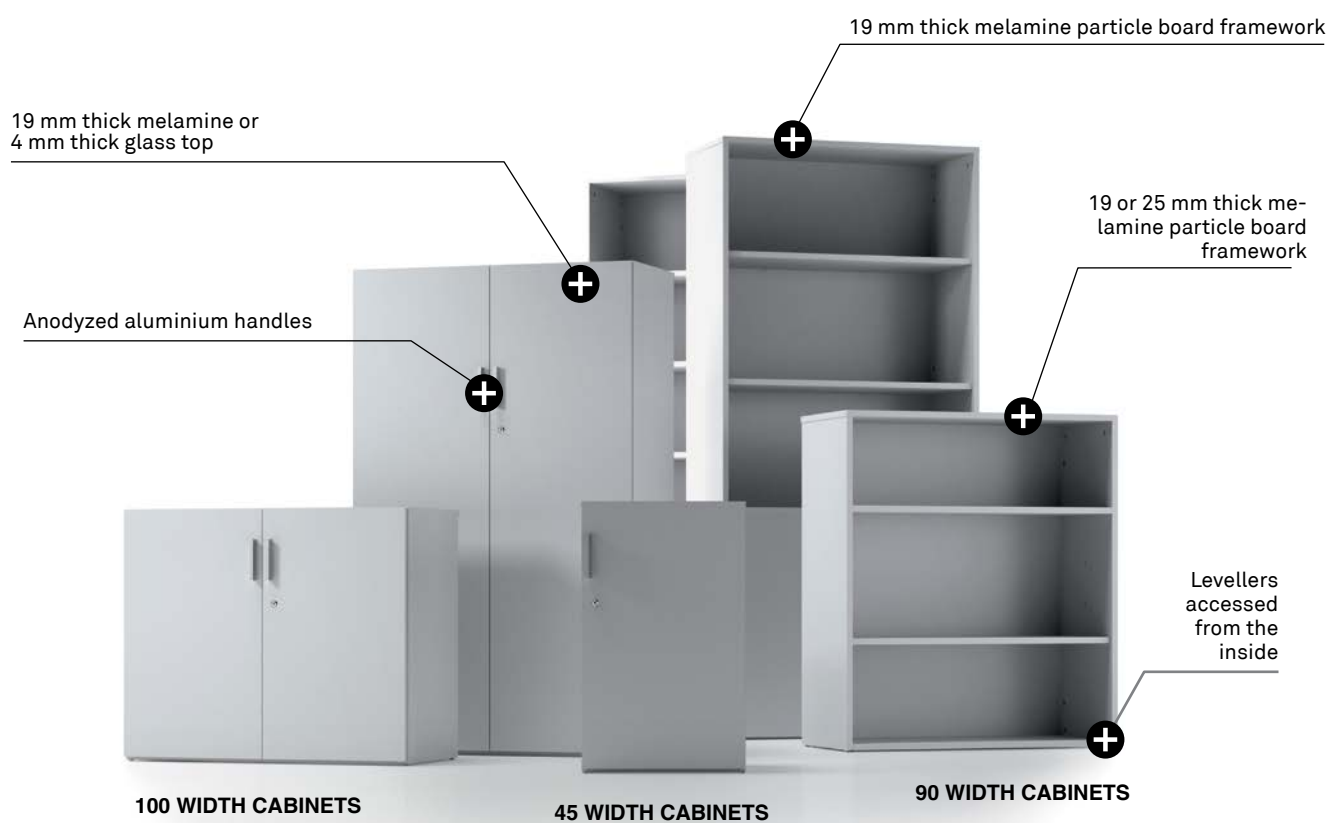
Forma 5

TECHNICAL FEATURES

MELAMINE STORAGE



CABINETS



ELEMENT DESCRIPTION

LATERALS, TOP AND FLOOR

19 mm thick melamine particle board. Laterals drilled to place shelves. The floor includes levellers which are accessed from the inside.

PLUS BACK SIDE

19 mm thick melamine particle board, which is drilled to be fixed to the laterals and to the top through some eccentrics. All cabinets and filing cabinets include melamine back panels. Upholstered back panels will be considered as special and will not be compatible with the 45 filing cabinets and with the basic series cabinets.



Framework.



PLUS back side.

MELAMINE DOORS

19 mm thick melamine particules. Join to the cabinet by hinges with self-closing system. Doors will be served with the transversale grain. Optional soft-closing hinges. Falleba lock.



Melamine doors.



Glass doors.

GLASS DOORS

4 mm thick etched glass. Anodized aluminium frame.

MELAMINE SHELVES

19 mm thick melamine particle board (optionally 25 mm thick) Drilled with expanding shelf holders. According to legal terms, 90 cm laterals may hold up to 47,2 kg and 45 cm shelves up to 22,5 kg.

METAL SHELVES

0,8 mm cold laminated steel, with powder paint and polymerized at 220°C with an 60-80 microns average thick cover. 25 mm height with wrinkles to increase its rigidity. The front wrinkles allows to hang folders. It is hanging from the interior laterals by shelf-holders allowing the height adjustment in 25 mm intervals.



Melamine.



Metal.

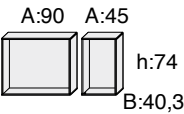
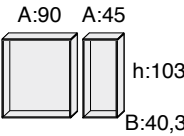
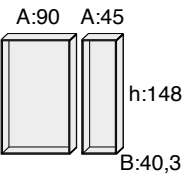
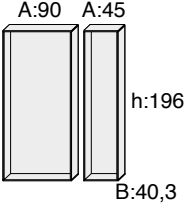
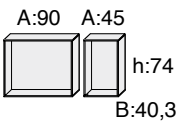
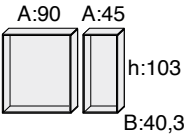
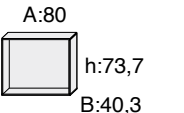
FILE CABINET DRAWERS

Metal frames for files fixed to metal ball guides. Autocatch system for an easy closure and for avoiding accidental opening. 19 mm thick melamine particle board front. Silver anodized aluminium handles. Optional anti-tilt (to fully open the drawer without tipping) and lock. 32 kg load capacity. Folders A4 paper can be placed in lengthwise and cross-wise positions. The folio size, only in the lengthwise position.



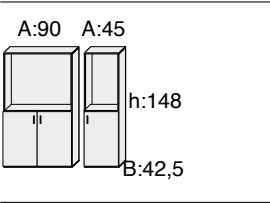
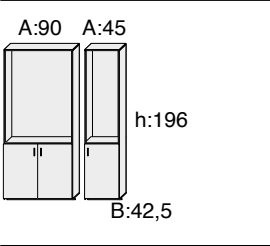
OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - BASIC OPEN CABINETS

 A:90 A:45 h:74 B:40,3	LOW CABINET	A x B x h	90 x 40,3 x 74 45 x 40,3 x 74
 A:90 A:45 h:103 B:40,3	INTERMEDIATE CABINET	A x B x h	90 x 40,3 x 103 45 x 40,3 x 103
 A:90 A:45 h:148 B:40,3	MEDIUM CABINET	A x B x h	90 x 40,3 x 148 45 x 40,3 x 148
 A:90 A:45 h:196 B:40,3	HIGH CABINET	A x B x h	90 x 40,3 x 196 45 x 40,3 x 196
 A:90 A:45 h:74 B:40,3	LOW OVERHEAD CABINET	A x B x h	90 x 40,3 x 74 45 x 40,3 x 74
 A:90 A:45 h:103 B:40,3	INTERMEDIATE OVERHEAD CABINET	A x B x h	90 x 40,3 x 103 45 x 40,3 x 103
 A:80 h:73,7 B:40,3	80 WIDTH DESK HEIGHT CABINET	A x B x h	80 x 40,3 x 73,7

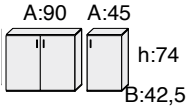
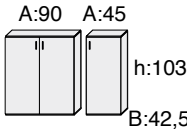
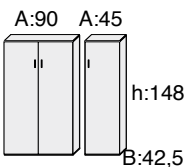
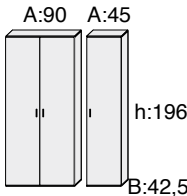
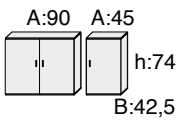
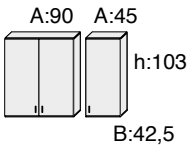
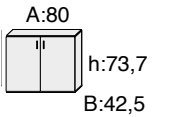
OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - BASIC CABINETS WITH LOW DOORS

 A:90 A:45 h:103 B:42,5	INTERMEDIATE CABINET	A x B x h	90 x 42,5 x 103 45 x 42,5 x 103
 A:90 A:45 h:148 B:42,5	MEDIUM CABINET	A x B x h	90 x 42,5 x 148 45 x 42,5 x 148
 A:90 A:45 h:196 B:42,5	HIGH CABINET	A x B x h	90 x 42,5 x 196 45 x 42,5 x 196

OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - BASIC CABINETS WITH DOORS

 A:90 A:45 h:74 B:42,5	LOW CABINET	A x B x h	90 x 42,5 x 74 45 x 42,5 x 74
 A:90 A:45 h:103 B:42,5	INTERMEDIATE CABINET	A x B x h	90 x 42,5 x 103 45 x 42,5 x 103
 A:90 A:45 h:148 B:42,5	MEDIUM CABINET	A x B x h	90 x 42,5 x 148 45 x 42,5 x 148
 A:90 A:45 h:196 B:42,5	HIGH CABINET	A x B x h	90 x 42,5 x 196 45 x 42,5 x 196
 A:90 A:45 h:74 B:42,5	LOW OVERHEAD CABINET	A x B x h	90 x 42,5 x 74 45 x 42,5 x 74
 A:90 A:45 h:103 B:42,5	INTERMEDIATE OVERHEAD CABINET	A x B x h	90 x 42,5 x 103 45 x 42,5 x 103
 A:80 h:73,7 B:42,5	80 WIDTH DESK HEIGHT CABINET	A x B x h	80 x 42,5 x 73,7

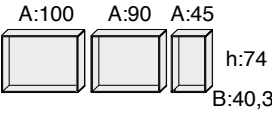
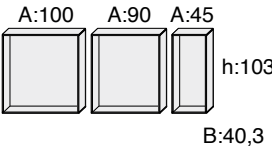
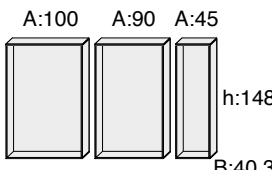
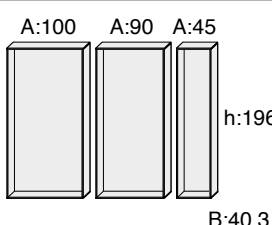
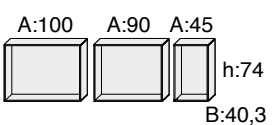
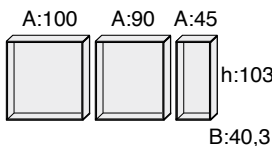
OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - BASIC FILE DRAWERS

 A:90 h:74 B:42,2	LOW FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 74
 A:90 h:103 B:42,2	INTERMEDIATE FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 103
 A:90 h:148 B:42,2	MEDIUM FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 148
 A:90 h:148 B:42,2	MEDIUM FILE CABINET 4 DRAWERS	A x B x h	90 x 42,2 x 148
 A:90 h:196 B:42,2	HIGH FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 196
 A:47 h:136 B:62,5	47 WIDTH FILE CABINET 4 DRAWERS WITH LOCK	A x B x h	47 x 62,5 x 136

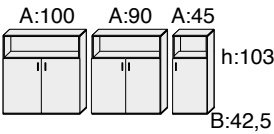
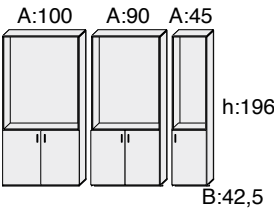
OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - PLUS OPEN CABINETS

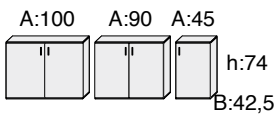
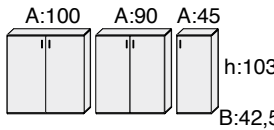
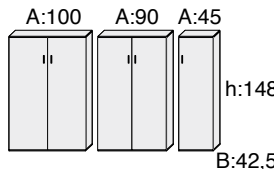
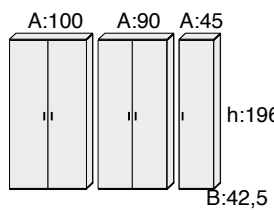
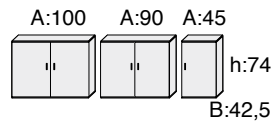
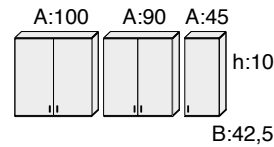
 A:100 A:90 A:45 h:74 B:40,3	LOW CABINET	A x B x h	100 x 40,3 x 74 90 x 40,3 x 74 45 x 40,3 x 74
 A:100 A:90 A:45 h:103 B:40,3	INTERMEDIATE CABINET	A x B x h	100 x 40,3 x 103 90 x 40,3 x 103 45 x 40,3 x 103
 A:100 A:90 A:45 h:148 B:40,3	MEDIUM CABINET	A x B x h	100 x 40,3 x 148 90 x 40,3 x 148 45 x 40,3 x 148
 A:100 A:90 A:45 h:196 B:40,3	HIGH CABINET	A x B x h	100 x 40,3 x 196 90 x 40,3 x 196 45 x 40,3 x 196
 A:100 A:90 A:45 h:74 B:40,3	LOW OVERHEAD CABINET	A x B x h	100 x 40,3 x 74 90 x 40,3 x 74 45 x 40,3 x 74
 A:100 A:90 A:45 h:103 B:40,3	INTERMEDIATE OVERHEAD CABINET	A x B x h	100 x 40,3 x 103 90 x 40,3 x 103 45 x 40,3 x 103

OVERVIEWS AND DIMENSIONS

MELAMINE STORAGE - PLUS CABINETS WITH LOW DOORS

	INTERMEDIATE CABINET	A x B x h	100 x 42,5 x 103 90 x 42,5 x 103 45 x 42,5 x 103
	MEDIUM CABINET	A x B x h	100 x 42,5 x 148 90 x 42,5 x 148 45 x 42,5 x 148
	HIGH CABINET	A x B x h	100 x 42,5 x 196 90 x 42,5 x 196 45 x 42,5 x 196

MELAMINE STORAGE - PLUS CABINETS WITH DOORS

	LOW CABINET	A x B x h	100 x 42,5 x 74 90 x 42,5 x 74 45 x 42,5 x 74
	INTERMEDIATE CABINET	A x B x h	100 x 42,5 x 103 90 x 42,5 x 103 45 x 42,5 x 103
	MEDIUM CABINET	A x B x h	100 x 42,5 x 148 90 x 42,5 x 148 45 x 42,5 x 148
	HIGH CABINET	A x B x h	100 x 42,5 x 196 90 x 42,5 x 196 45 x 42,5 x 196
	LOW OVERHEAD CABINET	A x B x h	100 x 42,5 x 74 90 x 42,5 x 74 45 x 42,5 x 74
	INTERMEDIATE OVERHEAD CABINET	A x B x h	100 x 42,5 x 103 90 x 42,5 x 103 45 x 42,5 x 103

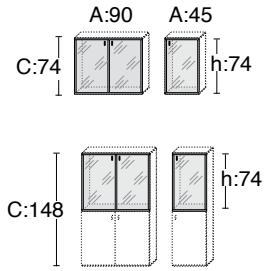
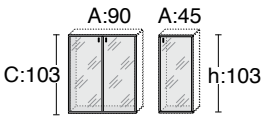
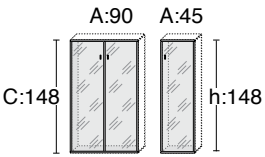
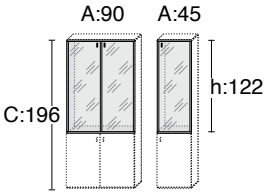
OVERVIEWS AND DIMENSIONS

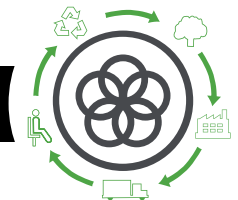
MELAMINE STORAGE - PLUS FILE DRAWERS

 A:90 h:74 B:42,2	LOW FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 74
 A:90 h:103 B:42,2	INTERMEDIATE FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 103
 A:90 h:148 B:42,2	MEDIUM FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 148
 A:90 h:148 B:42,2	MEDIUM FILE CABINET 4 DRAWERS	A x B x h	90 x 42,2 x 148
 A:90 h:196 B:42,2	HIGH FILE CABINET 2 DRAWERS	A x B x h	90 x 42,2 x 196

OVERVIEWS AND DIMENSIONS

BASIC AND PLUS MELAMINE STORAGE - GLASS DOORS

	74 cm HEIGHT DOORS	A x h / C	90 x 74 / 74-148 45 x 74 / 74-148
	103 cm HEIGHT DOORS	A x h / C	90 x 103 / 103 45 x 103 / 103
	148 cm HEIGHT DOORS	A x h / C	90 x 148/148 45 x 148/148
	122 cm HEIGHT DOORS	A x h / C	90 x 122/196 45 x 122/196



Life Cycle Analysis

MELAMINE STORAGE PROGRAM



RAW MATERIALS		
Raw Material	Kg	%
Steel	0,49 Kg	1%
Plastic	0,49 Kg	1%
Wood	47,74 Kg	98%

% Recicled Mat. = 69%
 % Reciclable Mat. = 99%

Ecodesign

Results reached during the life cycle stages



MATERIALS

Wood

70% of the wood material is recycled, has PEFC/FSC and complies within the E1 standard.

Steel

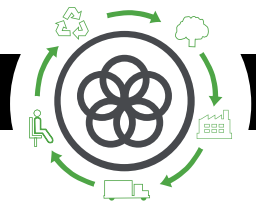
15%-99% recycled material.

Plastic

30%-40% recycled material.

Packings

100% recyclable with inks with no solvents.



PRODUCTION

Raw materials use optimization

Board, upholstery and steel tubes cut.

Renewable energies use

reducing the CO2 emissions. (Photovoltaic panels)

Energy saving measures

in all production process

COV global emission reduction

of the production processes by 70%.

Podwer painting

ecovery of 93% of the non deposited painting

Glue removal from the upholstery

The facilities

have an internal sewage for liquid waste.

Green points

at the factory

100% waste recycling

at production process and dangerous waste special treatment.



TRANSPORT

Cardboard use optimization

of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks

to optimize the space.

Solid waste compacter

which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal

reducing by 28% the fuel consumption.

Suppliers area reduction

Local market power and less pollution at transport.



USE

Easy maintenance and cleaning

without solvents.

Forma 5 guarantee

The highest quality

for materials to provide a 10 year average life of the product.

Useful life optimization

of the product due to a standardized and modular design.

The boards

with no E1 particle emission.



END LIFE

Easy unpacking

for the recyclability or compound reuse.

Piece standarization

for the use.

Recycled materials used for products (% recyclability):

Wood is 100% recyclable.

Steel is 100% recyclable.

Plastics are from 70 to 100% recyclable.

With no air or water pollution

while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 99%

MAINTENANCE AND CLEANING GUIDE

MELAMINE PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

PLASTIC PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

METAL PIECES

- 1 Rub the dirty spots with a wet cloth with PH neutral soap.
- 2 Polished aluminium pieces can have their polish bak by covering and rubbing them with a dry cottom cloth.

GLASS PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

LEGAL TERMS

CERTIFICATES

The Melamine Storage program has been designed and manufactured according to the current legal terms about office desks and storage elements:

UNE-EN 14073-1:"Office furniture. Office desks and storage furniture.Part 1: Dimensions"

UNE-EN 14073-2:"Office furniture. Office desks and storage elements.Part 2:Security requirements"

UNE-EN 14073-3: "Office furniture. Office desks and storage elements.Part 3: Test methods to determine the stability and structural resistance"

Developed by R&D FORMA 5