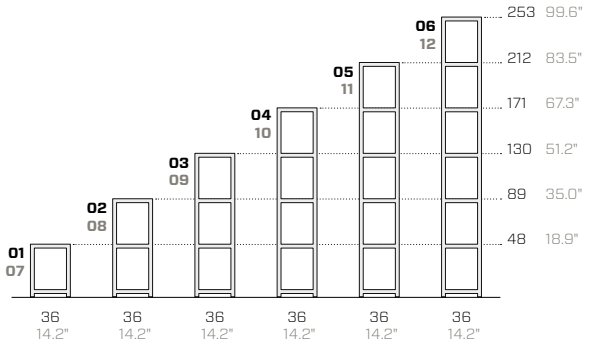
# Frame

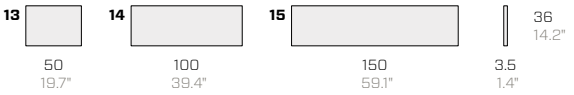
## Bookcase system

Salvatore Indriolo, 2019

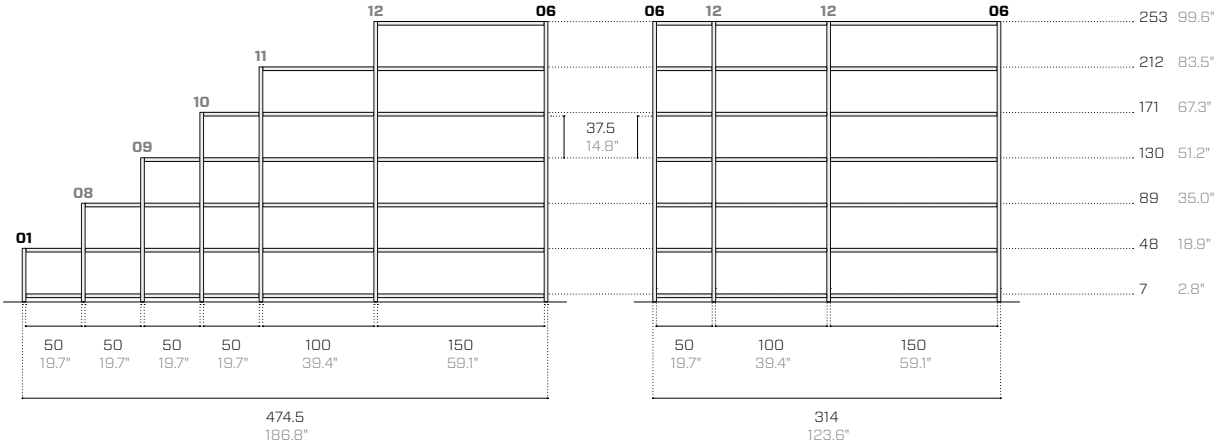
## Uprights / Montantes / Montants



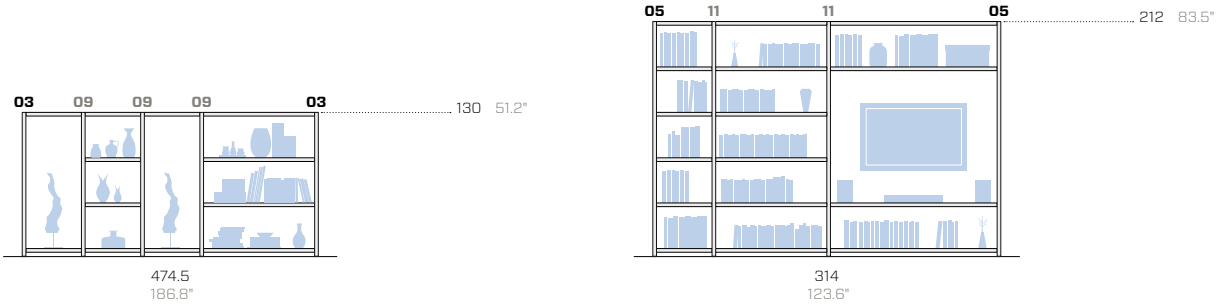

## Shelves / Estantes / Étagères




## Explanatory compositions / Composiciones explicativas / Compositions explicatives



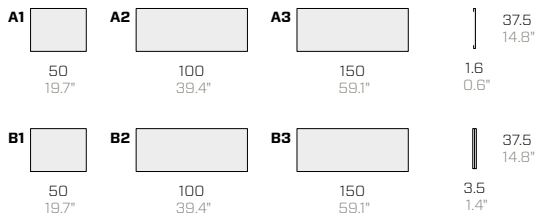

## Examples of compositions / Ejemplos de composiciones / Exemples de compositions



| Product / Producto / Produit | | | | | | | Packaging / Embalaje / Emballage | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| No.<br>No.<br>Nº | Code<br>Código<br>Code | Dimensions (w·d·h)<br>Dimensiones (l·a·a)<br>Dimensions (l·p·h) | | | Weight<br>Peso<br>Poids | Max capacity<br>Capacidad max<br>Charge maxi | Dimensions (w·d·h)<br>Dimensiones (l·a·a)<br>Dimensions (l·p·h) | | | Weight<br>Peso<br>Poids | Vol pkg<br>Vol. paq.<br>Vol. paq. |
| | | cm | | | kg | kg | cm | | | kg | mc |
| **Lateral uprights / Montantes laterales / Montants latéraux** | | | | | | | | | | | |
| **01** | FRS048SL | 3.5 | 36 | 48 | 3 | - | - | - | - | - | - |
| **02** | FRS089SL | 3.5 | 36 | 89 | 5 | - | - | - | - | - | - |
| **03** | FRS130SL | 3.5 | 36 | 130 | 7 | - | - | - | - | - | - |
| **04** | FRS171SL | 3.5 | 36 | 171 | 9 | - | - | - | - | - | - |
| **05** | FRS212SL | 3.5 | 36 | 212 | 10 | - | - | - | - | - | - |
| **06** | FRS253SL | 3.5 | 36 | 253 | 12 | - | - | - | - | - | - |
| **Central uprights / Montantes centrales / Montants centraux** | | | | | | | | | | | |
| **07** | FRS048SC | 3.5 | 36 | 48 | 3 | - | - | - | - | - | - |
| **08** | FRS089SC | 3.5 | 36 | 89 | 5 | - | - | - | - | - | - |
| **09** | FRS130SC | 3.5 | 36 | 130 | 7 | - | - | - | - | - | - |
| **10** | FRS171SC | 3.5 | 36 | 171 | 9 | - | - | - | - | - | - |
| **11** | FRS212SC | 3.5 | 36 | 212 | 10 | - | - | - | - | - | - |
| **12** | FRS253SC | 3.5 | 36 | 253 | 12 | - | - | - | - | - | - |
| **Shelves / Estantes / Étagères** | | | | | | | | | | | |
| **13** | FRS050RIP | 50 | 36 | 3.5 | 5.0 | 150 | - | - | - | - | - |
| **14** | FRS100RIP | 100 | 36 | 3.5 | 9.7 | 150 | - | - | - | - | - |
| **15** | FRS150RIP | 150 | 36 | 3.5 | 16.8 | 120 | - | - | - | - | - |
| LED bar 3000K (10W per meter) / Barra LED 3000K (10W por metro) / Barre LED 3000K (10W par mètre) | | | | | | | | | | | |
| **-** | FRS050L3 | 50 | 3.5 | 3.5 | 0.1 | - | 53 | 6.5 | 6.5 | - | - |
| **-** | FRS100L3 | 100 | 3.5 | 3.5 | 0.2 | - | 103 | 6.5 | 6.5 | - | - |
| **-** | FRS150L3 | 150 | 3.5 | 3.5 | 0.3 | - | 103 | 6.5 | 6.5 | - | - |
| 24V-20W Power supply kit / Kit con fuente de alimentación 24V-20W / Kit avec alimentation 24V-20W | | | | | | | | | | | |
| **-** | FRSK1LPS | - | - | - | 0.2 | - | - | - | - | - | - |
| 24V-40W Power supply kit / Kit con fuente de alimentación 24V-40W / Kit avec alimentation 24V-40W | | | | | | | | | | | |
| **-** | FRSK2LPS | - | - | - | 0.3 | - | - | - | - | - | - |
| 24V-90W Power supply kit / Kit con fuente de alimentación 24V-90W / Kit avec alimentation 24V-90W | | | | | | | | | | | |
| **-** | FRSK3LPS | - | - | - | 0.5 | - | - | - | - | - | - |
| Magnetic dimmer switch / Regulador magnético / Variateur magnétique | | | | | | | | | | | |
| **-** | FRSK6D | - | - | - | 0.5 | - | - | - | - | - | - |

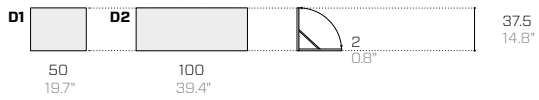
Any composition requires stability and anti-tilting systems.
Cualquier composición requiere sistemas de estabilidad y antivuelco.
Toute composition nécessite des systèmes de stabilité et anti-basculement.

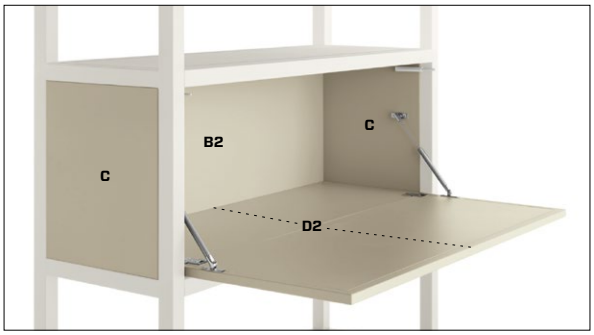
## Back panels / Fondos / Dos



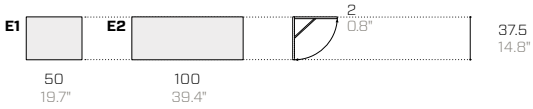

## Sides / Laterales / Côtés

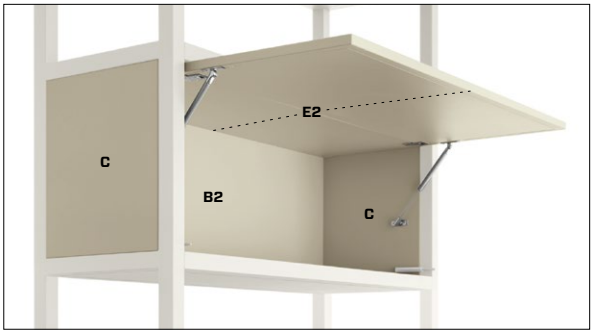
## Tilt & turn doors / Puertas batientes / Portes rabattables



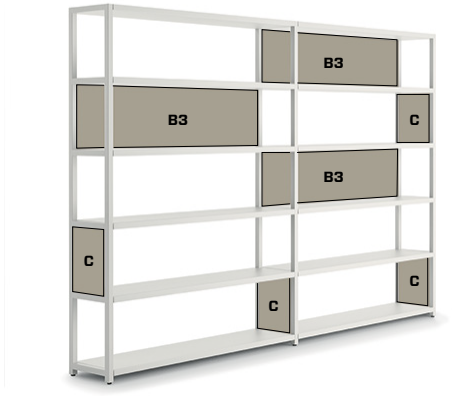

## Vertical opening doors / Puertas rebatibles / Portes relevables




## Wall and freestanding compositions / Composiciones de pared e independientes / Compositions murales et autoportantes

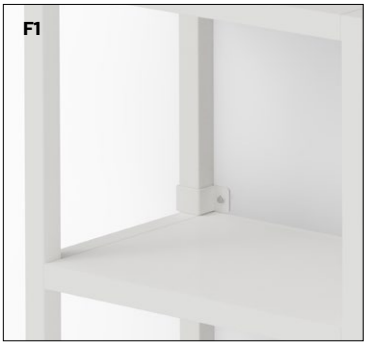
The compositions must be attached to a wall with brackets (**F**).
Las composiciones deben fijarse a la pared con bridas de pared (**F**).
Les compositions doivent être fixées au mur à l'aide de supports muraux (**F**).

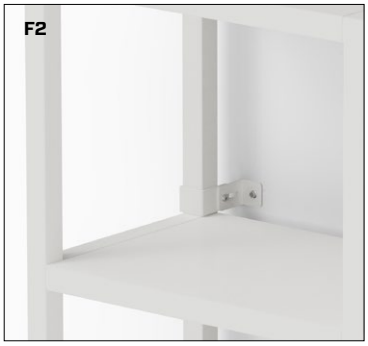


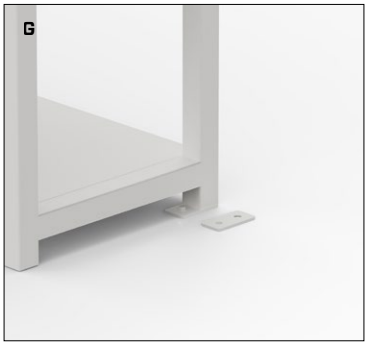

The backs for freestanding compositions (**B**) are filled at both the front and the back.
Los fondos para composiciones independientes (**B**) también están rellenos en la parte de atrás.
Die Rückseiten für freistehende Kompositionen (**B**) sind auch auf der Rückseite bündig.

| **Product / Producto / Produit** | | | | | | **Packaging / Embalaje / Emballage** | | |
|---|---|---|---|---|---|---|---|---|
| **No.**<br>**No.**<br>**Nº** | Code<br>Código<br>Code | Dimensions (w·d·h)<br>Dimensiones (l·a·a)<br>Dimensions (l·p·h) | | | Weight<br>Peso<br>Poids | Dimensions (w·d·h)<br>Dimensiones (l·a·a)<br>Dimensions (l·p·h) | Weight<br>Peso<br>Poids | Vol pkg<br>Vol. paq.<br>Vol. paq. |
| | | cm | | | kg | cm | kg | mc |
| Backs for wall compositions / Dos pour compositions murales / Fondos para composiciones de pared | | | | | | | | |
| **A1** | FRS050SP | 50 | 1.6 | 37.5 | 1.9 | - | - | - |
| **A2** | FRS100SP | 100 | 1.6 | 37.5 | 3.8 | - | - | - |
| **A3** | FRS150SP | 150 | 1.6 | 37.5 | 5.3 | - | - | - |
| Backs for freestanding compositions / Dos pour compositions autoportantes / Fondos para composiciones independientes | | | | | | | | |
| **B1** | FRS050S | 50 | 3.5 | 37.5 | 3.8 | - | - | - |
| **B2** | FRS100S | 100 | 3.5 | 37.5 | 7.5 | - | - | - |
| **B3** | FRS150S | 150 | 3.5 | 37.5 | 10.5 | - | - | - |
| Sides / Laterales / Côtés | | | | | | | | |
| **C** | FRS29F | 3.5 | 29 | 37.5 | 2.5 | - | - | - |
| Tilt & turn doors with base / Puertas batientes con fondo / Portes rabattables avec fond | | | | | | | | |
| **D1** | FRSA050RIB | 50 | 2 | 37.5 | 12 | - | - | - |
| **D2** | FRSA100RIB | 100 | 2 | 37.5 | 23 | - | - | - |
| Vertical opening doors with ceiling / Puertas rebatibles con techo / Portes relevables avec dessus | | | | | | | | |
| **E1** | FRSA050RIA | 50 | 2 | 37.5 | 12 | - | - | - |
| **E2** | FRSA100RIA | 100 | 2 | 37.5 | 23 | - | - | - |
| Wall bracket / Brida de pared / Support mural | | | | | | | | |
| **F1** | FRS01STA | - | - | - | - | - | - | - |
| **F2** | FRS02STA | - | - | - | - | - | - | - |
| Floor mounting bracket / Brida de fijación al suelo / Support de fixation au sol | | | | | | | | |
| **G** | FRS03STA | - | - | - | - | - | - | - |
| Adjustable foot (only for 05, 06, 11, 12) / Pie ajustable (solo para 05, 06, 11, 12) / Pied réglable (juste pour 05, 06, 11, 12) | | | | | | | | |
| **-** | FRSK7P | 1.5 | 1.5 | 7 | 0.1 | - | - | - |

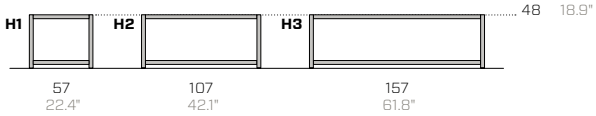
All Frame Bookcase System accessories are available with either the same finish as the frame (uprights + shelves) or a second different finish.
Todos los accesorios del Frame Boockase System pueden tener el acabado del marco (montantes + estantes) o un segundo acabado.
Tous les accessoires de Frame Boockase System peuvent recevoir la même finition que le cadre (montants + étagères) ou une seconde finition.

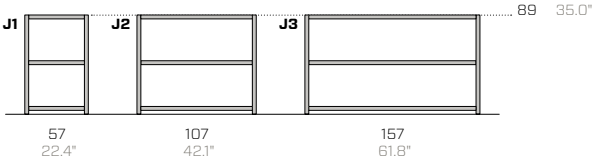


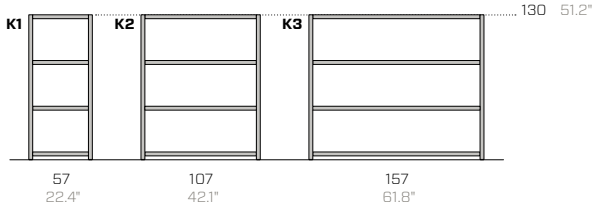



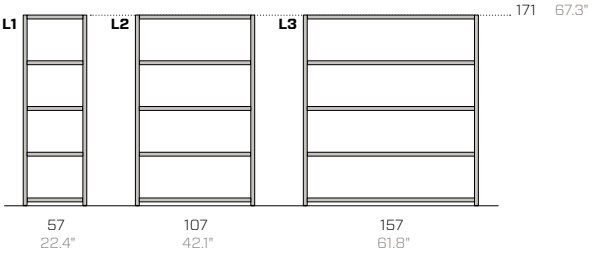



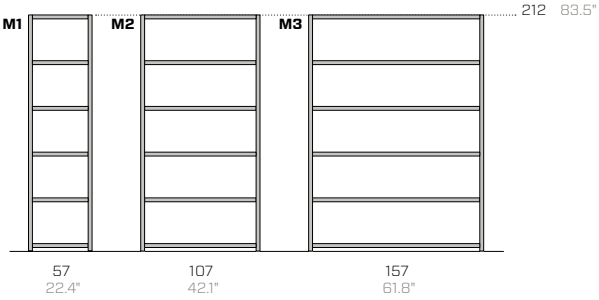
## Single-span compositions / Composiciones de un compartimiento / Compositions à un seul élément

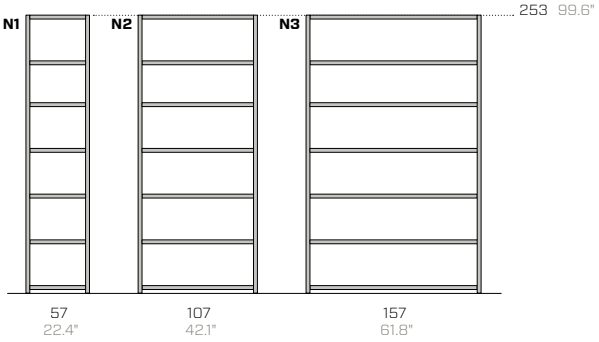


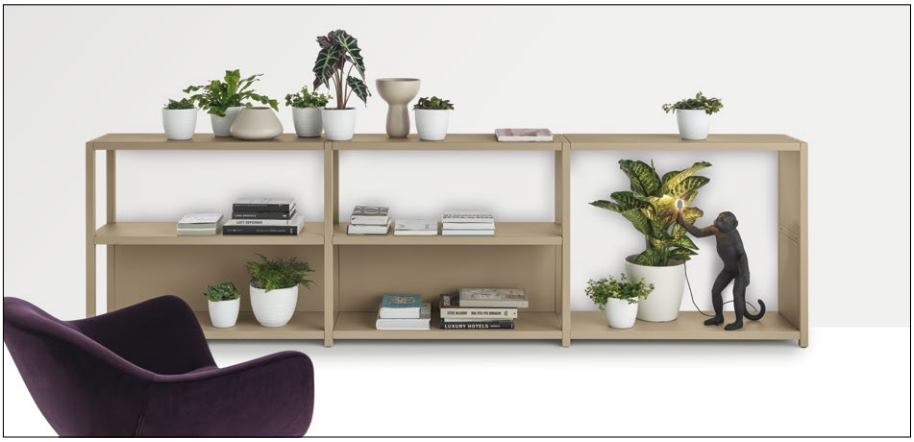



**Examples of compositions / Ejemplos de composiciones / Exemples de compositions**

**01** (x2)
**07** (x3)
**13** (x4)
**14** (x4)
**A2** (x2)
**D2** (x2)
**C** (x3)

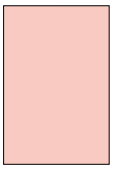


**02** (x2)
**08** (x2)
**14** (x8)
**A2** (x2)
**C** (x2)

**03** (x2)
**09** (x4)
**13** (x20)
**B1** (x8)
**C** (x18)

## Metal essentials

**01.18**
**Black (RAL 9005)**
Negro / Noir
- - -
**EM** ▲■

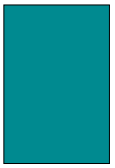


**08.20**
**Rose quartz**
Rosa cuarzo / Quartz rose
- - -
**EM** ▲

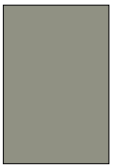
**15.19**
**Forest green (RAL 6007)**
Verde bosque / Verte forêt
- - -
**EM** ▲●

**02.18**
**Anthracite (RAL 7021)**
Antracita / Anthracite
- - -
**EM** ▲●■

**09.18**
**Ruby red (RAL 3003)**
Rojo rubí / Rouge rubis
- - -
**EM** ▲

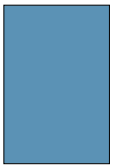


**16.19**
**Turquoise blue (RAL 5018)**
Azul turquesa / Bleu turquoise
- - -
**EM** ▲

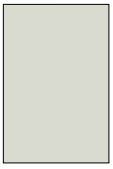


**03.18**
**Fantin grey**
Fantin gris / Gris Fantin
- - -
**EM** ▲■

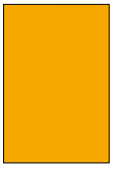
**10.21**
**Flame red (RAL 3000)**
Rojo Fuego / Rouge feu
- - -
**EM** ▲●



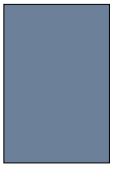
**17.18**
**Pastel blue (RAL 5024)**
Azul pastel / Bleu pastel
- - -
**EM** ▲



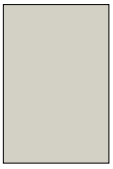
**04.18**
**Light grey (RAL 7035)**
Gris claro / Gris clair
- - -
**EM** ▲■



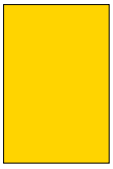
**11.21**
**Melon yellow (RAL 1028)**
Amarillo melón / Jaune melon
- - -
**EM** ▲●



**18.21**
**Dusty blue (RAL 5014)**
Azul polvoriento / Bleu poussiéreux
- - -
**EM** ▲●



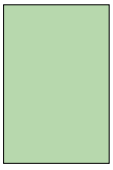
**05.19**
**Cloud grey**
Gris nube / Gris nuage
- - -
**EM** ▲■



**12.19**
**Zinc yellow (RAL 1018)**
Amarillo zinc / Jaune de zinc
- - -
**EM** ▲

**19.18**
**Gentian blue (RAL 5010)**
Azul genciana / Bleu gentiane
- - -
**EM** ▲●

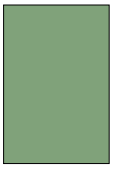
**06.18**
**White (RAL 9016)**
Blanco / Blanc
- - -
**EM** ▲■



**13.21**
**Pastel green (RAL 6019)**
Verde pastel / Vert pastel
- - -
**EM** ▲●

**20.19**
**Steel blue (RAL 5011)**
Azul acero / Bleu acier
- - -
**EM** ▲

**07.21**
**Milk white (RAL 9001)**
Blanco leche / Blanc de lait
- - -
**EM** ▲●■



**14.18**
**Sage green (RAL 6021)**
Verde salvia / Vert sauge
- - -
**EM** ▲●

**21.21**
**Coffee brown (RAL 8019)**
Marrón café / Marron café
- - -
**EM** ▲

## Metal design

### Metallic

**41.18**
**Gold**
Oro / Or
- - -
**EM** ▲

**43.21**
**Bronze**
Bronce / Bronze
- - -
**EM** ▲

**47.21**
**Platinum**
Platino / Platine
- - -
**EM** ▲

**46.21**
**Titanium**
Titanio / Titane
- - -
**EM** ▲

**45.21**
**Silver**
Plata / Argent
- - -
**EM** ▲

**44.18**
**Iron**
Hierro / Fer
- - -
**EM** ▲

**42.19**
**Rust**
Oxido / Rouiller
- - -
**EM** ▲●

### Earth

**51.18**
**Sand**
Arena / Sable
- - -
**EM** ▲●

**57.21**
**Clay**
Creta / Crète
- - -
**EM** ▲●

**52.18**
**Moss**
Musgo / Mousse
- - -
**EM** ▲●

**53.18**
**Basalt**
Basalto / Basalte
- - -
**EM** ▲●

**54.18**
**Stone**
Piedra / Pierre
- - -
**EM** ▲●

**55.18**
**Amethyst**
Amatista / Améthyste
- - -
**EM** ▲

**56.21**
**Ocean**
Oceano / Océan
- - -
**EM** ▲

**Surfaces / Superficies / Surfaces**

**EM** Embossed / Gofrado / Gaufré

**Use / Usos / Utilisations**

▲ Tops / Encimeras / Plans
● Outdoor / Exteriores / Extérieur
■ Food / Alimentario / Alimentaire

### Technical information

**Metal** Non-toxic powder coating for interior use, with no heavy metals. Cured in an oven at 190 °C, following degreasing and phosphating. Guaranteed minimum thickness of 50 microns. Minimum resistance to salt spray of 200 hours (in accordance with the ASTM B117 standard). Some finishes are suitable for direct contact with food as required by Italian Law Decree D.M. 21/03/73 and subsequent updates. Requests for other RAL finishes can be considered.

### Información técnica

**Metal** Recubrimiento en polvo atóxico para interiores, sin metales pesados, con paso en horno a 190 °C, previo tratamiento de desengrase y fosfatación. Espesor mínimo garantizado 50 micrones, resistencia mínima en niebla salina igual a 200 horas (norma ASTM B117). Algunos acabados son aptos para el contacto directo con alimentos, según lo previsto por el decreto italiano D.M. 21/03/73 y posteriores actualizaciones. Se pueden evaluar otros acabados RAL bajo pedido.

### Informations techniques

**Métal** Revêtement en poudre non toxique pour l'intérieur sans métaux lourds, avec passage au four à 190 °C, après traitement de dégraissage et de phosphatation. Épaisseur minimale garantie de 50 microns. Résistance minimale au brouillard salin de 200 heures (norme ASTM B117). Certaines finitions sont adaptées au contact direct avec les aliments, comme l'exige l'arrêté ministériel italien du 21/03/73 et ses mises à jour ultérieures. Autres finitions RAL possibles sur demande.

**Rational right angles and endless composition options. Six heights and three lengths of shelves can be freely combined with backboards, sides and compartments with tilt & turn or vertical opening doors, all of which are inset in the frame.**

**Uprights** made of welded 35 x 35 mm (1.38" x 1.38") tubular metal in six heights and single depth of 36 cm (14.17"). The constant distance of the crosspieces allows the installation of the shelves with a constant useful pitch of 41 cm (16.14"). The tube guarantees great resistance and stability. Concealed adjustable feet.

**Shelves** in sheet metal box section with a thickness of 35 mm (1.38") in three widths (50, 100, 150 cm / 19.69", 39.37", 59.06") and a single depth of 36 cm (14.17"). The shelves are connected to the upright crosspieces for perfect continuity between two consecutive shelves, with no gaps or visible screws. This unique construction allows large load capacity.

**Back panels and sides** always inset in the frame. Built in sheet metal box section with a thickness of 35 mm (1.38").

**Push-pull, tilt & turn and vertical opening doors** always inset in the frame. Sheet metal box section doors with a thickness of 20 mm (0.79"). Soft opening.

**Optional accessories:** integrated lighting with LED bars.

The product requires assembly.

Any composition requires stability and anti-tilting systems.

**Racionalidad de las líneas ortogonales e infinitas posibilidades de composición. Seis alturas y estantes en tres longitudes en los que se pueden colocar libremente fondos, laterales y compartimientos con puertas rebatibles y batientes, todos insertados en el marco.**

**Montantes** de tubo soldado 35 x 35 mm (1.38" x 1.38") en seis alturas y una sola profundidad de 36 cm (14.17"). La distancia constante de los travesaños permite montar los estantes con un paso útil constante de 41 cm (16.14"). El tubo garantiza una gran resistencia y estabilidad. Patas ajustables ocultas.

**Estantes** en caja de chapa de 35 mm (1.38") de espesor en tres anchos (50, 100, 150 cm / 19.69", 39.37", 59.06") y una sola profundidad de 36 cm (14.17"). Los estantes están conectados a los travesaños verticales, para una continuidad perfecta entre dos estantes consecutivos, sin espacios ni tornillos visibles. La particular estructura cuenta con una gran capacidad de carga.

**Fondos y laterales** insertados en el marco. Construidos en caja de chapa de 35 mm (1.38") de espesor.

**Puertas push-pull rebatibles y batientes** insertadas en el marco. Puertas en caja de chapa de 20 mm (0.79") de espesor. Apertura suave.

**Accesorios opcionales:** iluminación integrada con barras LED.

El producto se suministra desmontado.

Cualquier composición requiere sistemas de estabilidad y antivuelco.

**Rationalité des lignes orthogonales et possibilités de composition infinies. Six niveaux et des étagères de trois longueurs sur lesquelles agencer librement dos, côtés et rangements avec portes rabattables et relevables, tous encastrés à fleur du cadre.**

**Montants** en tube soudé de 35 x 35 mm (1.38" x 1.38") en six hauteurs et une seule profondeur de 36 cm (14.17"). La distance régulière des traverses permet de monter les étagères avec un pas utile constant de 41 cm (16.14"). Le tube garantit une grande résistance et stabilité. Pieds invisibles réglables.

**Étagères** en tôle pliée de section creuse de 35 mm (1.38") d'épaisseur en trois largeurs (50, 100, 150 cm / 19.69", 39.37", 59.06") et une seule profondeur de 36 cm (14.17"). Les étagères, reliées aux traverses des montants, permettent une parfaite continuité entre deux étagères consécutives, sans aucun vide ni vis apparentes. La construction particulière autorise une grande capacité de charge.

**Dos et côtés** encastrés à fleur du cadre. Fabriqués en tôle pliée de section creuse de 35 mm (1.38") d'épaisseur.

**Portes push-pull rabattables et relevables** encastrées à fleur du cadre. Portes en tôle pliée de section creuse de 20 mm (0.79") d'épaisseur. Ouverture amortie.

**Accessoires en option :** éclairage intégré avec barres LED.

Le produit est livré non monté.

Toute composition nécessite des systèmes de stabilité et anti-basculement.

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