

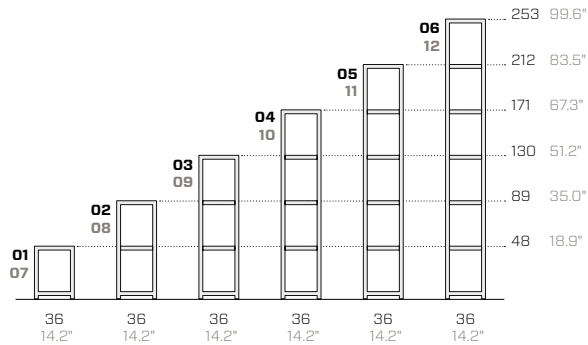
# Frame

## Bookcase system

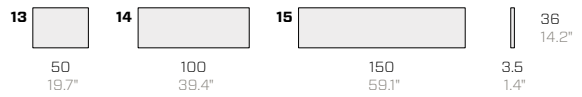
Salvatore Indriolo, 2019



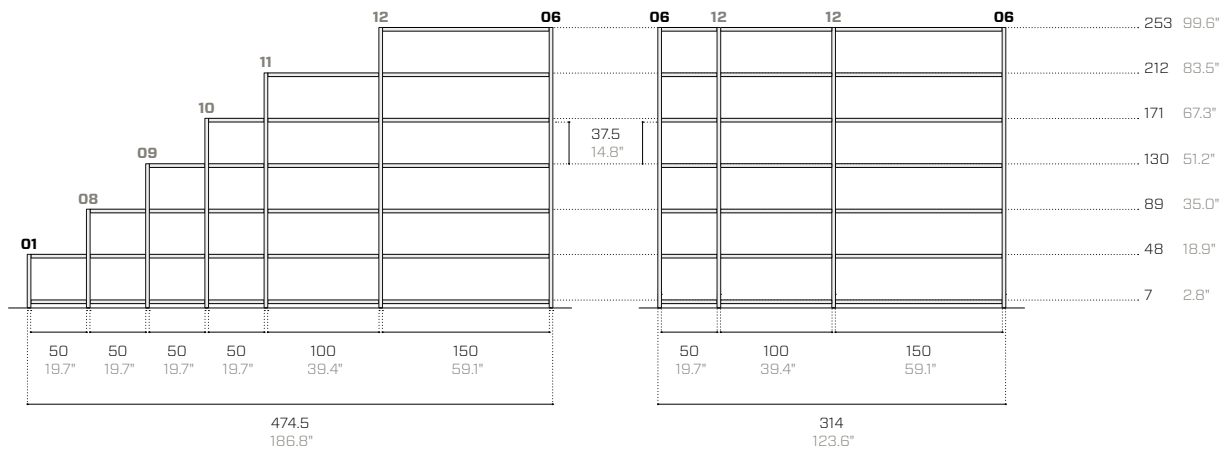
Uprights / Spalle / Pfosten



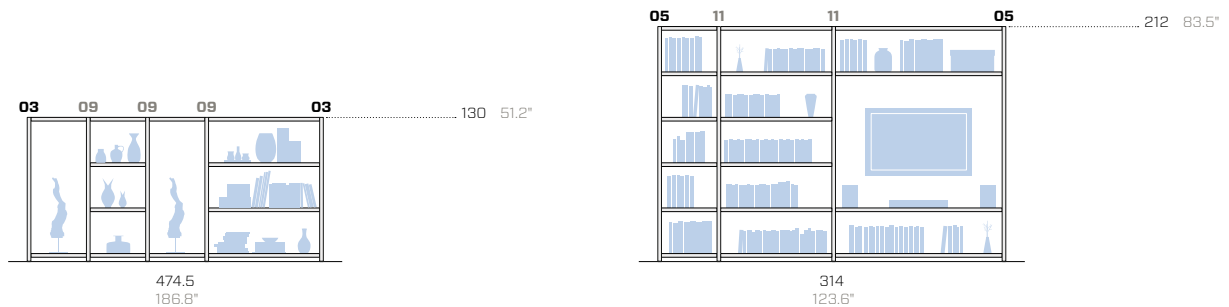
Shelves / Ripiani / Regalböden



Explanatory compositions / Composizioni esplicative / Erklärende Kompositionen



Examples of compositions / Esempi di composizioni / Kompositionsbeispiele

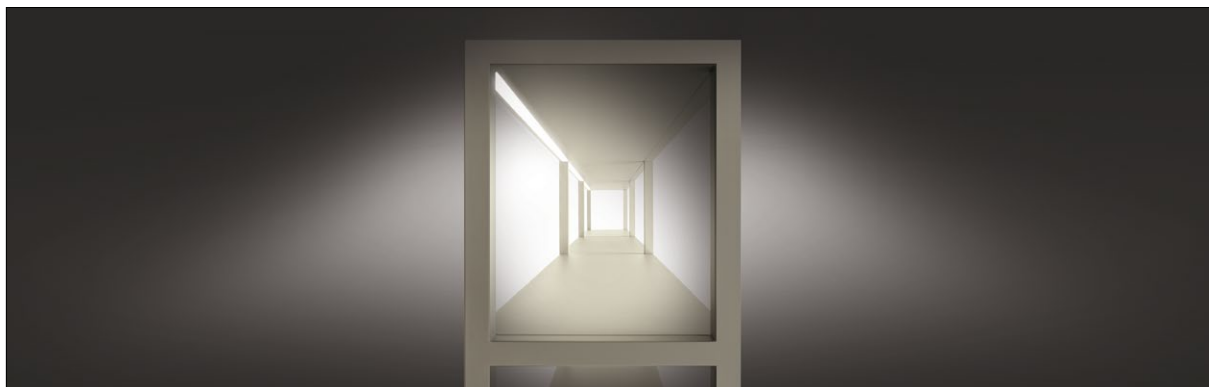


Product / Prodotto / Produkt					Packaging / Imballo / Verpackung				
No.	Code	Dimensions (w-d-h)			Weight	Dimensions (w-d-h)		Weight	Vol pkg
Nr.	Codice	Dimensioni (l-p-h)			Peso	Dimensioni (l-p-h)		Peso	Vol. collo
Nr.	Code	Abmessungen (b-t-h)			Gewicht	Abmessungen (b-t-h)		Gewicht	Vol. Kollo
				cm	kg	cm		kg	mc
<b>Lateral uprights / Spalle laterali / Seitlichen Pfosten</b>									
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	-	-	-	-
<b>Central uprights / Spalle centrali / Zentrale Pfosten</b>									
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	-	-	-	-
<b>Shelves / Ripiani / Regalböden</b>									
13	FRS050RIP	50	36	3.5	5.0	-	-	-	-
14	FRS100RIP	100	36	3.5	9.7	-	-	-	-
15	FRS150RIP	150	36	3.5	16.8	-	-	-	-
LED bar 3000K (10W per meter) / Barra LED 3000K (10W per metro) / LED-Lichtleiste 3000K (10W pro Meter)									
-	FRS050L3	50	3.5	3.5	-	-	-	-	-
-	FRS100L3	100	3.5	3.5	-	-	-	-	-
-	FRS150L3	150	3.5	3.5	-	-	-	-	-
24V-75W Power supply kit / Kit con alimentatore 24V-75W / Netzteil 24V-75W									
-	FRSK3LPS	-	-	-	-	-	-	-	-
24V-150W Power supply kit / Kit con alimentatore 24V-150W / Netzteil 24V-150W									
-	FRSK5LPS	-	-	-	-	-	-	-	-

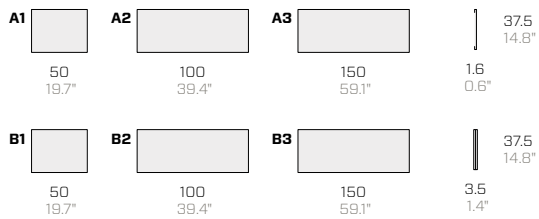
Any composition requires stability and anti-tilting systems.

Qualsiasi composizione necessita di sistemi di stabilità e antiribaltamento.

Jede Zusammensetzung erfordert Stabilitäts- und Kippschutzsysteme.



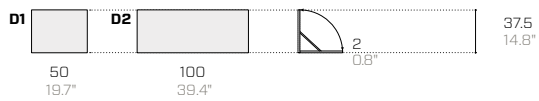
Back panels / Schiene / Rückwände



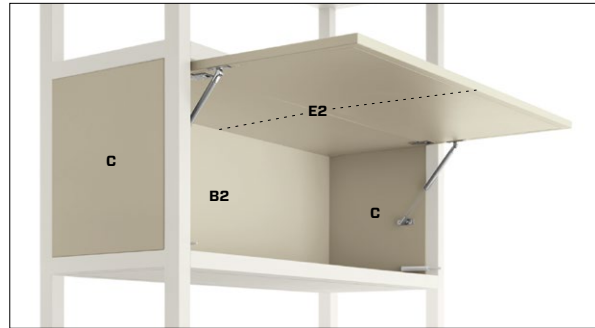
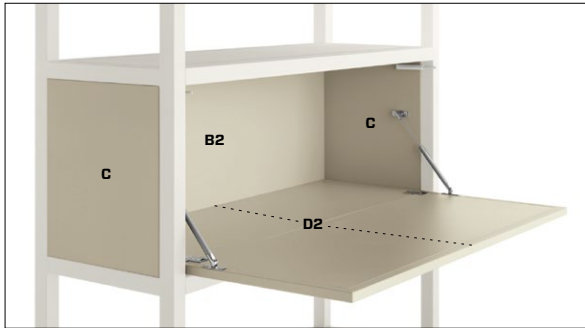
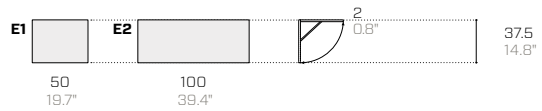
Sides / Fianchi / Seitenteile



Tilt & turn doors / Ante a ribalta / Dreh-Kipp-Türen



Vertical opening doors / Ante a rialza / Hebe-Türen



Wall and freestanding compositions / Composizioni a parete e freestanding / Wand- und freistehende Kompositionen



The compositions must be attached to a wall with brackets (F).  
 Le composizioni devono essere fissate al muro con staffe a parete (F).  
 Die Kompositionen müssen mit Bügeln an der Wand befestigt werden (F).

The backs for freestanding compositions (B) are filled at both the front and the back.  
 Le schiene per composizioni freestanding (B) sono tamponate anche sul retro.  
 Die Rückseiten für freistehende Kompositionen (B) sind auch auf der Rückseite bündig.

Product / Prodotto / Produkt					Packaging / Imballo / Verpackung			
No.	Code	Dimensions (w-d-h)		Weight	Dimensions (w-d-h)		Weight	Vol pkg
Nr.	Codice	Dimensioni (l-p-h)		Peso	Dimensioni (l-p-h)		Peso	Vol. collo
Nr.	Code	Abmessungen (b-t-h)		Gewicht	Abmessungen (b-t-h)		Gewicht	Vol. Kollo
			cm	kg	cm		kg	mc

Backs for wall compositions / Schiene per composizioni a parete / Rücken für Wandkompositionen

<b>A1</b>	FRS050SP	50	1.6	37.5	1.9	-	-	-
<b>A2</b>	FRS100SP	100	1.6	37.5	3.8	-	-	-
<b>A3</b>	FRS150SP	150	1.6	37.5	5.3	-	-	-

Backs for freestanding compositions / Schiene per composizioni freestanding / Rücken für freistehende Kompositionen

<b>B1</b>	FRS050S	50	3.5	37.5	3.8	-	-	-
<b>B2</b>	FRS100S	100	3.5	37.5	7.5	-	-	-
<b>B3</b>	FRS150S	150	3.5	37.5	10.5	-	-	-

Sides / Fianchi / Seitenteile

<b>C</b>	FRS29F	3.5	29	37.5	2.5	-	-	-
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Tilt & turn doors with base / Ante a ribalta con fondo / Dreh-Kipp-Türen mit Boden

<b>D1</b>	FRSA05ORIB	50	2	37.5	12	-	-	-
<b>D2</b>	FRSA10ORIB	100	2	37.5	23	-	-	-

Vertical opening doors with ceiling / Ante a rialza con cielo / Hebetüren mit Deckel

<b>E1</b>	FRSA05ORIA	50	2	37.5	12	-	-	-
<b>E2</b>	FRSA10ORIA	100	2	37.5	23	-	-	-

Wall bracket / Staffa a parete / Wandhalterung

<b>F1</b>	FRS01STA	-	-	-	-	-	-	-
<b>F2</b>	FRS02STA	-	-	-	-	-	-	-

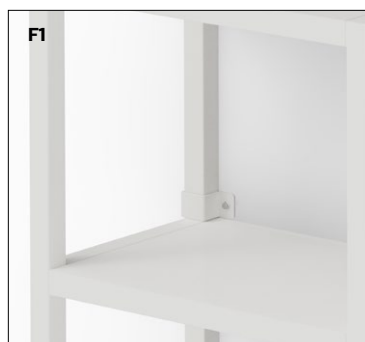
Floor mounting bracket / Staffa di fissaggio a terra / Bügel für Befestigung am Boden

<b>G</b>	FRS03STA	-	-	-	-	-	-	-
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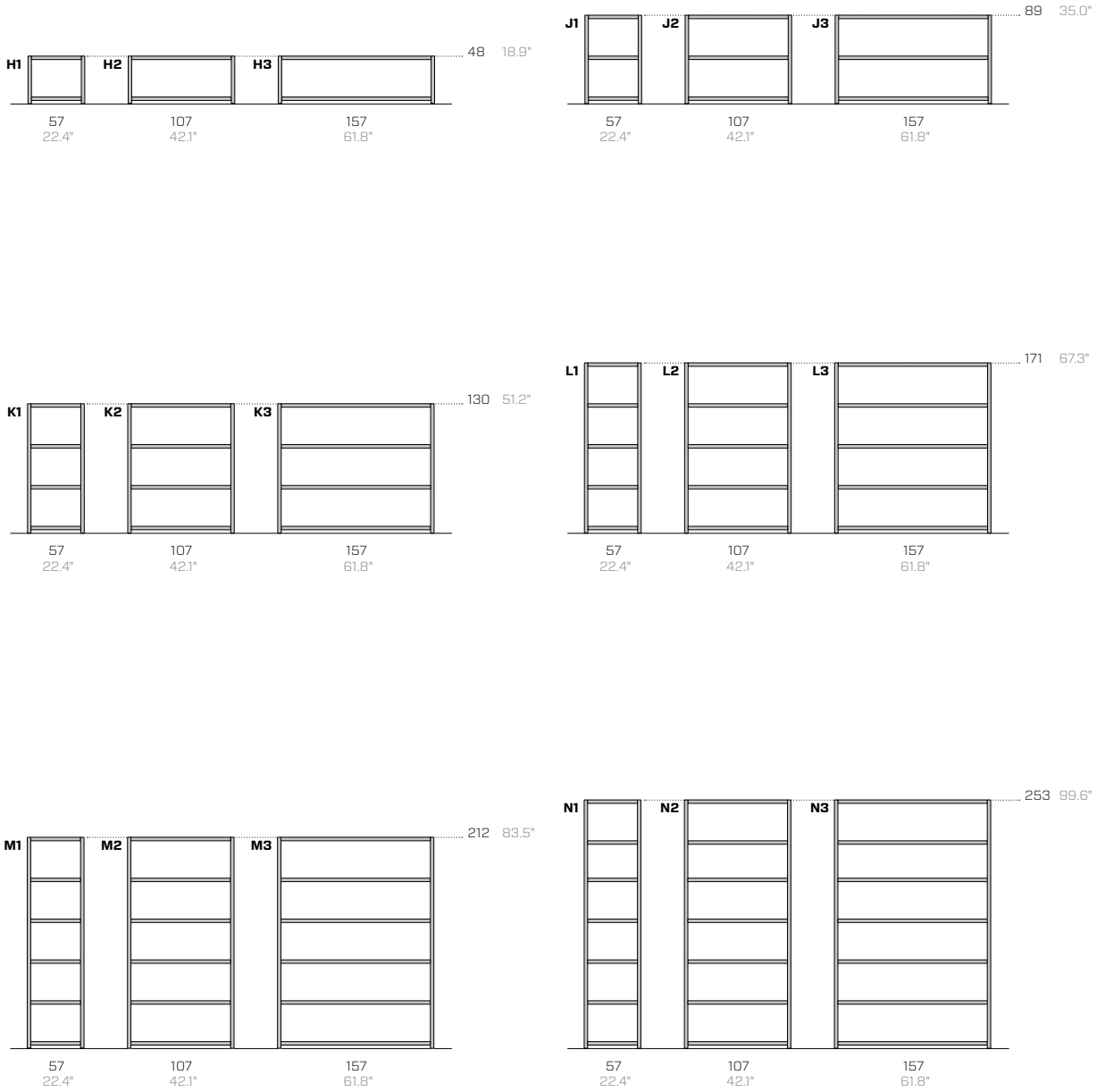
All Frame Bookcase System accessories are available with either the same finish as the frame (uprights + shelves) or a second different finish.

Tutti gli accessori di Frame Bookcase System possono avere la finitura del telaio (spalle + ripiani) o una seconda finitura.

Alle Zubehörteile des Frame Bookcase Systems können mit einem Rahmenfinish (Schultern + Regale) oder einem zweiten Finish versehen werden.



Single-span compositions / Composizioni a campata unica / Single-Span-Kompositionen



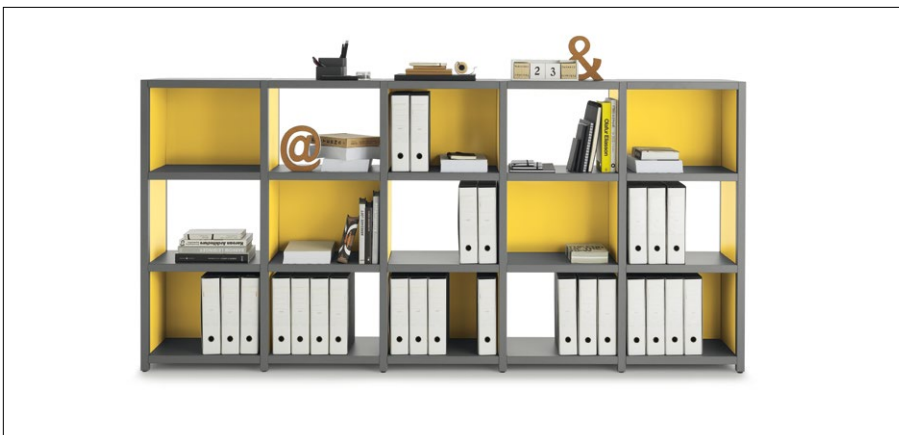
Examples of compositions / Esempi di composizioni / Kompositionsbeispiele



- 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

	<p><b>01.18</b> <b>Black (RAL 9005)</b> Nero / Schwarz --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>08.20</b> <b>Rose quartz</b> Rosa quarzo / Rosenquarz --- <b>EM</b> ▲</p>		<p><b>15.19</b> <b>Forest green (RAL 6007)</b> Verde bosco / Waldgrün --- <b>EM</b> ▲ ●</p>
	<p><b>02.18</b> <b>Anthracite (RAL 7021)</b> Antracite / Anthrazit --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>09.18</b> <b>Ruby red (RAL 3003)</b> Rosso rubino / Rubinrot --- <b>EM</b> ▲</p>		<p><b>16.19</b> <b>Turquoise blue (RAL 5018)</b> Blu turchese / Türkisblau --- <b>EM</b> ▲</p>
	<p><b>03.18</b> <b>Fantin grey</b> Grigio Fantin / Fantin-Grau --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>10.21</b> <b>Flame red (RAL 3000)</b> Rosso fuoco / Feuerrot --- <b>EM</b> ▲ ●</p>		<p><b>17.18</b> <b>Pastel blue (RAL 5024)</b> Blu pastello / Pastellblau --- <b>EM</b> ▲ <b>MT</b></p>
	<p><b>04.18</b> <b>Light grey (RAL 7035)</b> Grigio luce / Lichtgrau --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>11.21</b> <b>Melon yellow (RAL 1028)</b> Giallo melone / Melonengelb --- <b>EM</b> ▲ ●</p>		<p><b>18.21</b> <b>Dusty blue (RAL 5014)</b> Azzurro polvere / Staubiges blau --- <b>EM</b> ▲ ●</p>
	<p><b>05.19</b> <b>Cloud grey</b> Grigio nuvola / Walkengrau --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>12.19</b> <b>Zinc yellow (RAL 1018)</b> Giallo zinco / Zinkgelb --- <b>EM</b> ▲</p>		<p><b>19.18</b> <b>Gentian blue (RAL 5010)</b> Blu genziana / Enzianblau --- <b>EM</b> ▲ ● <b>MT</b></p>
	<p><b>06.18</b> <b>White (RAL 9016)</b> Bianco / Weiß --- <b>EM</b> ▲ ■ <b>MT</b></p>		<p><b>13.21</b> <b>Pastel green (RAL 6019)</b> Verde pastello / Weißgrün --- <b>EM</b> ▲ ●</p>		<p><b>20.19</b> <b>Steel blue (RAL 5011)</b> Blu acciaio / Stahlblau --- <b>EM</b> ▲</p>
	<p><b>07.21</b> <b>Milk white (RAL 9001)</b> Bianco latte / Milchweiß --- <b>EM</b> ▲ ● ■ <b>MT</b></p>		<p><b>14.18</b> <b>Sage green (RAL 6021)</b> Verde salvia / Salbeigrün --- <b>EM</b> ▲ ● <b>MT</b></p>		<p><b>21.21</b> <b>Coffee brown (RAL 8019)</b> Marrone caffè / Kaffeebraun --- <b>EM</b> ▲</p>



Metal design

Metallic



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



**43.21  
Bronze**  
Bronzo / Bronze  
---  
EM ▲



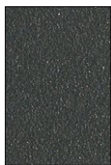
**47.21  
Platinum**  
Platino / Platin  
---  
EM ▲



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



**45.21  
Silver**  
Argento / Silber  
---  
EM ▲



**44.18  
Iron**  
Ferro / Eisen  
---  
EM ▲



**42.19  
Rust**  
Ruggine / Rost  
---  
EM ▲●

Earth



**51.18  
Sand**  
Sabbia / Sand  
---  
EM ▲●



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



**52.18  
Moss**  
Muschio / Moos  
---  
EM ▲●



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



**54.18  
Stone**  
Pietra / Stein  
---  
EM ▲●



**55.18  
Amethyst**  
Ametista / Amethyst  
---  
EM ▲



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

Surfaces / Superfici / Oberflächen

**EM** Embossed / Goffrato / Gaufriert  
**MT** Matt / Opaco / Matt

Use / Utilizzo / Verwenden

- ▲ Tops / Top / Arbeitsplatte
- Outdoor / Esterni / Außenbereich
- Food / Alimentare / Lebensmittel

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**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.

**Informazioni tecniche**

**Metallo** Verniciatura per interni a polveri atossiche prive di metalli pesanti, con passaggio in forno a 190 °C, previo trattamento di sgrassaggio e fosfatazione. Spessore minimo garantito 50 micron, resistenza minima in nebbia salina pari a 200 ore (norma ASTM B117). Alcune finiture sono idonee al contatto diretto con alimenti come previsto dal decreto italiano D.M. 21/03/73 e successivi aggiornamenti. Altre finiture RAL valutabili su richiesta.

**Technische Informationen**

**Metall** Die Pulverbeschichtung der gift- und schwermetallfreien Pulverlacke für Innenbereiche erfolgt im Lackierofen bei 190 °C nach vorheriger Entfettung und Phosphatierung. Die garantierte Mindeststärke der Lackschicht beträgt 50 Mikron bei einer Mindestprüfungsdauer von 200 Stunden im Salznebel (ASTM-Norm B117). Einige Oberflächen sind für den direkten Kontakt mit Lebensmitteln geeignet, wie in der Verordnung vorgesehen Italienisch D.M. 21/03/73 und folgende Aktualisierungen. Auf Anfrage können andere RAL-Finishes in Betracht gezogen werden.

**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.

**Razionalità delle linee ortogonali e infinite possibilità compositive. Sei altezze e ripiani in tre lunghezze su cui poter disporre in libertà schienali, fianchi e vani con ante a ribalta e rialza, sempre in luce al telaio.**

**Spalle** in tubo saldato 35 x 35 mm (1.38" x 1.38") in sei altezze e profondità unica di 36 cm (14.17"). La distanza costante dei traversi permette il montaggio dei ripiani con un passo utile costante di 41 cm (16.14"). Il tubo garantisce grande resistenza e stabilità. Piedini invisibili regolabili.

**Ripiani** in scatolato di lamiera di spessore 35 mm (1.38") in tre larghezze (50, 100, 150 cm / 19.69", 39.37", 59.06") e unica profondità di 36 cm (14.17"). I ripiani, collegati ai traversi delle spalle, permettono di ottenere una perfetta continuità tra due ripiani consecutivi, senza alcuna fessura e senza viti in vista. La particolare costruzione permette grande capacità di carico.

**Schiene e fianchi** sempre in luce al telaio. Costruiti in scatolato di lamiera di spessore 35 mm (1.38").

**Ante push-pull a rialza e ribalta** sempre in luce al telaio. Ante in scatolato di lamiera di spessore 20 mm (0.79"). Apertura ammortizzata.

**Accessori opzionali:** illuminazione integrata con barre LED.

Il prodotto viene fornito smontato.

Qualsiasi composizione necessita di sistemi di stabilità e antiribaltamento.

**Zweckmäßige orthogonale Linien und unzählige Kombinationsmöglichkeiten. Sechs Höhen und Einlegeböden in drei Längen, auf die - stets im Lichtmaß des Gestells - beliebig Rückwände, Seitenteile und Fächer mit Dreh-Kipp- und Hebe-Türen gesetzt werden können.**

**Pfosten** aus geschweißtem Metallrohr 35 x 35 mm (1.38" x 1.38") in sechs Höhen mit einem Tiefenmaß von 36 cm (14.17"). Die gleiche Entfernung zwischen den Streben erlaubt die Montage der Böden mit einem regelmäßigen Nutzabstand von 41 cm (16.14"). Die Verwendung des Metallrohrs gewährleistet hohe Strapazierfähigkeit und Stabilität. Regulierbare, unsichtbare Füße.

**Einlegeböden** aus Kastenblech, Stärke 35 mm (1.38") in drei Längen (50, 100, 150 cm / 19.69", 39.37", 59.06") und einem Tiefenmaß von 36 cm (14.17"). Die Einlegeböden, die mit den Streben der Pfosten verbunden sind, erlauben eine perfekt durchgehende Fläche zwischen zwei benachbarten Regalböden ohne jeden Spalt und ohne sichtbare Schrauben. Der besondere Aufbau ermöglicht eine hohe Belastbarkeit.

**Rückwände und Seitenteile** immer im Lichtmaß des Gestells aus Kastenblech mit einer Stärke von 35 mm (1.38").

**Push-und-Pull-, Dreh-Kipp und Hebe-Türen**, im Lichtmaß des Gestells. Türen aus Kastenblech, Stärke 20 mm (0.79"). Gedämpfte Öffnung.

**Optionales Zubehör:** integrierte Beleuchtung mit LED-Balken.

Das Produkt wird zerlegt geliefert.

Jede Zusammensetzung erfordert Stabilitäts- und Kippenschutzsysteme.

**Disclaimer / Esclusione di responsabilità / Haftungsausschluss**

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