

## Technical product data sheet

### Worktops

I	Standard	
1)	<b>Material thickness</b>	38 mm
2)	<b>Core/substrate material</b>	Chipboard
3)	<b>Surface material</b>	Laminate (CPL/HPL)
4)	<b>Laminate thickness</b>	0,6-0,8 mm
5)	<b>Surface structure</b>	Wood pore or relief, matt, gloss
6)	<b>Front edge types</b>	
	<b>N edge</b>	The panel is laminated around both rounded front edges.
	<b>Inset N edge</b>	A laterally inset worktop piece laminated around both rounded front edges.
	<b>Décor edge</b>	The front and sides of the worktops are laminated with 1.5 mm thick PP plastic or acrylic lippings (straight décor edges). A square version or a version with a 30 mm inner radius and a 20 mm outer radius are also available.
7)	<b>Bottom face coating</b>	Water repellent resin impregnated paper, sealed with the laminate on the bottom or top face.
8)	<b>Sealing</b>	has to be carried out on site for cut-outs as well as tongue and groove connections by means of humidity repellent agents (e.g. neutrally cross-linking sanitary silicones or humidity resistant cold glues of the D3 class)

II	Slimline	
1)	<b>Material thickness</b>	16 mm
2)	<b>Core/substrate material</b>	HDF
3)	<b>Surface material</b>	Laminate (CPL/HPL)
4)	<b>Laminate thickness</b>	0,6-0,8 mm, , both faces
5)	<b>Surface structure</b>	Wood pore or relief
6)	<b>Front edge types</b>	
	<b>Décor edge</b>	At the front and sides, the worktops are provided with 1.2 mm thick PP plastic lippings (straight décor edges). Square version
7)	<b>Bottom face coating</b>	CPL/HPL
8)	<b>Sealing</b>	has to be carried out on site for cut-outs as well as tongue and groove connections by means of humidity repellent agents. APL sealing tape is included in the box with the fittings.
9)	<b>Dimensions</b>	The maximum width is 3,400mm.

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III	Console panel	
1)	Material thickness	100 mm
2)	Core/substrate material	Sandwich chipboard
3)	Surface material	Laminate (CPL/HPL)
4)	Laminate thickness	0,6-0,8 mm, both faces
5)	Surface structure	Wood pores or relief
6)	Art der Kante	
	Décor edge	circumferential 1.5mm PP edging
7)	Bottom face coating	Laminate (CPL/HPL)
8)	Dimensions	Minimum dimensions: 200 x 200mm Maximum: 1200mm deep, 1800mm wide
9)	Installation	At least 50% of the console panel must rest on the support panel. Built-in hot plates and sinks are not possible!

### Fronts

1)	Material thickness	18,5 mm, 19,5mm, 22,5 mm
2)	Core/substrate material	Chipboard, MDF
3)	Surface material	Melamin, Schichtstoff, Lack, polymere Folie, Acryl, EchtGlass
4)	Design	range-referenced
5)	Fastening	at least two clip hinges per front
6)	Cushioning	All fronts have plastic cushioning stops fitted to the front internal face. All drawers, pull-outs and flaps (except for tall unit) are also standard equipped with cushioned hinges. As of the 2014 Collection, all hinged doors are standard equipped with additional cushioning integrated in the hinge.
7)	Glazing	Clear floating Glassss, etched matt Glassss, black Glassss, and range-dependent glazing
8)	Edge design	Thick edging made of PP or acrylic. Depending on the range, also available with lacquer, foil or laminate vertically and / or horizontally wrapped around the edges .
9)	Real Glassss fronts	Substrate board (16mm chipboard), 3mm ESG Glassss, all-round acrylic edge lacquered or printed on the front or back depending on the particular product range
10)	Digital print	Chipboard substrate, laminated, printed, lacquered

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### Carcase Material

1)	Side panels and construction	
	Material thickness	16 mm/19 mm
	Core/substrate material	Chipboard
	Surface material	Direct coating on melamine resin basis
	Surface colour	Standard: White carcase interior, décor exterior Exception for Glasss wall units and shelves (carcase interior and exterior in the same décor), wall unit bottom, face in décor
	Edging	Front: PP edging, top, bottom, rear edge paper edging, and melamine edging in carcase décor
2)	Loose shelves	
	Material thickness	
	Wood	16 mm
	Glass	5 mm / 6 mm (Falt-Lift-Schrank) / 8 mm (Vitrinen)
	Load (Wood/Glasss)	Maximum storage load for Wooden and Glasss shelves: 50kg/m <sup>2</sup>
	Core/substrate material	Chipboard/Glass
	Surface material	Direct coating on melamine resin basis
	Surface colour	Standard: white loose shelf Loose glass shelves for glass wall units; for shelf units in carcase colour
	Edging	Front: PP edging, side and rear edge paper edging and melamine edging
3)	Back panel	
	Material thickness	2,8 mm
	Core/substrate material	Hardboard (HDF, MDF)
	Surface colour	Inside in lacquered / printed décor
4)	Uprights / Cover panels	
	Material thickness	16, 25, 50, 100 mm
	Surface material	16, 25, 50, 100 mm: Direct coating on melamine resin basis or acrylic coating (ultra high gloss) 16, 25 mm: also possible in lacquer
	Surface colour	16, 25, 50 mm: Also available in carcase and worktop décor as well as high gloss and ultra high gloss décors
	Illumination	Glazed and lighted bottom panel or integrated LED lighting
5)	Niche claddings	
	Material thickness	16 mm
	Core/substrate material	Chipboard
	Dimensions	Maximum width: 2580 mm, maximum height: 2030 mm exception all HG décors and colours 115, 133, 134, 138, 139, 146, 157, 186, 195, 200 => max. 1200 mm)

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	<b>Surface colour</b>	Design in carcass, worktop décor and in stainless steel appearance, niche claddings with digitally printed motifs and varnished
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6)	<b>Glass niche claddings</b>	
	<b>Material thickness</b>	16 mm
	<b>Dimensions</b>	height: 250 - 1200 mm, width 250 - 2500 mm
	<b>Core/substrate material</b>	Chipboard (substrate material): 12 mm Security glass (ESG): 4 mm
	<b>Surface colour</b>	silver, white, black, glass appearance, ivory, sand high gloss
	<b>Special features</b>	According to sales manual notches, chamfered cuts and drill holes possible
7)	<b>Panels</b>	
	<b>Material thickness</b>	16 mm
	<b>Core/substrate material</b>	Chipboard (16mm thick) ESG glass (12mm substrate board, 4mm glass coating)
	<b>Surface colour</b>	
	<b>Dimensions</b>	Width dimensions: can be delivered in sizes from 250mm - 2580mm Standard height: 368mm variable height: 250mm to 500mm (Glass only possible in standard height)
	<b>Profiles</b>	End profile top/bottom/on the side, intermediate profile, cassette brush, t-slot covers for end profile top, profile strip for rail system with bracket for the panel wall
	<b>Accessories</b>	Wall shelf unit (16/25mm thick), glass floor, LED wall light
8)	<b>Side panel, shelf and rear wall connection</b>	
	<b>Base unit</b>	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	<b>Wall unit</b>	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	<b>Tall unit</b>	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	<b>Back panel</b>	grooved in 4-6 mm deep in the side panel, screwed at the top and bottom to the bottom shelf
9)	<b>Fastening of the loose shelves</b>	
10)	<b>Secured loose shelves</b>	Tilt protection
11)	<b>Loose shelf adjustment</b>	Group of holes

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### Plinth

1)	Plinth panel	
	Material thickness	13 mm
	Core/substrate material	MDF
	Surface material	Direct coating on melamine resin basis
	Surface colour	Execution possible in all carcass colours + 5 front colours
	Fixlängen	2200 mm, 3350 mm
	Besonderheiten	Plinth in mirror décor. Waterproof plinth in stainless steel design
2)	Plinth assembly	
	Floor sealing profile	U-Profil mit Dichtlippe zum flexiblen Ausgleich von Bodenwellen
	Set of plinth corners	
3)	Plinth height	70, 100, 150, 200 mm

### Hinges

1)	Type / Style	Intermat clip-on hinge, as of the 2014 Collection Sensys hinge with integrated cushioning
2)	Material	Metal
3)	Befestigung der Montageplatte	double screwed with plastic spreading dowel
4)	Befestigung des Klippscharniers	Clip engagement, installation and removal on/from the mounting plate without tools
5)	Öffnungswinkel	
	Standard	110°
	Corner units	170°
	Diagonal types	45°
	Limitation	Optional opening angle limit to 85° for corner solutions or wall connection
6)	Adjustment	up/down: ± 1,5 mm
		depth adjustment: ± 2 mm
		lateral spacing: ± 1,5 mm
7)	Number per door	min. 2 hinges per door
8)	Locking function	A spring mechanism in the hinge ensures the opening/closing function / automatic locking function
9)	Hinge cushioning	optional cushioning for hinged doors; can be bolted onto the hinge or carcass, as of the 2014 Collection hinges come standard with integrated cushioning

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### Unity Assembly

I	Wall Units	
1)	Material	Rigid plastic/metal
2)	Anzahl Aufhänger je Schrank	min. 2 pieces, centre suspension and additional shelf units
3)	Type of adjustment	Inclination; height adjustment
4)	Type of fastening in the carcass	2 Kunststoffdübel in Korpusseite gepresst
5)	Fastening to the building wall	Fastening to the building wall protect free hanging wall units from lateral slipping by means of brackets
6)	load capacity	The maximum load for wall units is 75kg; whereby each shelf has a maximum load capacity of 16kg
7)	Beleuchtung	Light panel as wall unit bottom shelf, with integrated lighting (MP-LAS) Various lights integrated in the bottom shelf Wall unit bottom shelf with attached profile strip in stainless steel design for opening original fronts without a handle with integrated LED light strip (MP-WOGL)

II	Base Unit Island Solution	
		An additional specific foot provides island with tilt protection

### Drawers/Front Pull-Outs

1)	Material	Steel frame, steel rear wall with a 16 mm chipboard shelf
	Premium	pearl-grey colour
2)	Construction	Metal
3)	Verbindung Front / Zarge	positive, detachable engagement connection adapter dowelled into the front panel Adjustment possibilities: Height / side tilting of the front pull-out panels possible by adjusting the railing bar, glass side or steel side
4)	Dämpfung Auszüge	Integrated hydraulic cushioning
5)	Schließsystem optional: Öffnungssystem	Cushioning system Silent System 2; the drawers close slowly and silently by their pneumatic cushioning

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### Drawers / Front Pull-Outs: Bearings

1)	Style	Profi-Plus: Walzlager
2)	Type	Vollauszug
3)	Material	Stahl
4)	System load capacity	Drawers up to 1000mm in width: up to 40kg Front pull-outs up to 600mm in width: up to 40kg Front pull-outs 800/900mm in width: up to 60kg in the case of 1000mm in width: up to 70kg
5)	Protection against fully pulling out	Catch mechanism on the runner

### Carcase Dimensions

1)	Base Units	
	Standard	Carcase height: 720 mm; side depth: 560 mm or 460 mm as an option, Side depth: carcase depth + front thickness
	Mini	Carcase height: 576 mm; side depth: 560 mm or 460 mm as an option, Side depth: carcase depth + front thickness
	Maxi	Carcase height: 864 mm; side depth: 560 mm or 460 mm as an option, Side depth: carcase depth + front thickness
2)	Wall units	
	Wall Units	Carcase height: 325.5 / 359 mm; side depth: 320 mm Side depth: carcase depth + front thickness
	Wall unit height 1	Carcase height: 651 mm; side depth: 320 mm Side depth: carcase depth + front thickness
	Wall unit height 2	Carcase height: 718 mm; side depth: 320 mm Side depth: carcase depth + front thickness
	Wall unit height 3	Carcase height: 904 mm; side depth: 320 mm Side depth: carcase depth + front thickness
3)	Sideboards	
	Sideboard height 1	Carcase height: 651 mm; side depth: 320 mm Side depth: carcase depth + front thickness
	Sideboard height 2	Carcase height: 718 mm; side depth: 320 mm Side depth: carcase depth + front thickness
	Sideboard height 3	Carcase height: 904 mm; side depth: 320 mm Side depth: carcase depth + front thickness
4)	Highboards	Carcase height: 1485 mm; side depth: 560 mm Side depth: carcase depth + front thickness
5)	Hochschränke	
	Tall unit height 1	Carcase height: 1930 mm; side depth: 560 mm Side depth: carcase depth + front thickness
	Tall unit height 2	Carcase height: 1997 mm; side depth: 560 mm Side depth: carcase depth + front thickness
	Tall unit height 3	Carcase height: 2183 mm; side depth: 560 mm Side depth: carcase depth + front thickness



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### Accessories

1)	Wall shelves	12 kg per pair of supports
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### Further Functional Fittings

1)	Pharmacist's	Full pull-out, 80 kg load
2)	Carousel (BU / WU)	360° rotatable, 25 kg load per shelf
3)	Flap hinges	Flap lifting fitting with a 100° opening angle Spring-loaded swivel fitting with a 75° opening angle Swivel flap with a 110° opening angle Folding-lifting doors with a 110° opening angle
4)	DSA side pull-outs	Full pull-out with cushioning, 10 kg load per shelf
5)	Corner unit rotary shelves	Half-round rotary shelves, optionally left or right; 15 kg load per shelf
6)	Lemans pull-out	Corner unit swivel pull-out, load capacity 25 kg per tablar