Timbercraft
CUSTOM BUILT GERMAN KITCHENS

Technical product descriptions

WORKTOPS

I STANDARD

1)	Material thickness	38 mm
2)	Core/substrate material	Chipboard
3)	Surface material	Laminate (CPL, HPL)
4)	Laminate thickness	0,6 - 0,8 mm
5)	Surface structure	Wood pore or relief, matt, gloss
6)	Front edge types	
	N edge	The panel is laminated around both rounded front edges.
	Inset N edge	A laterally inset worktop piece laminated around both rounded front edges.
	Décor edge	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. The PP edging is glued with waterproof PUR adhesive.
7)	Bottom face coating	Water repellent resin impregnated paper, sealed with the laminate on the bottom or top face.
8)	Sealing	Must take place on site for cut-outs as well as tongue and groove connections using a moisture-repelling agent. Worktop sealing tape is included in the fittings box.

II SLIM LINE

1)	Material thickness	16 mm
2)	Core/substrate material	HDF
3)	Surface material	Laminate (CPL / HPL)
4)	Laminate thickness	0,6 - 0,8 mm, both faces
5)	Surface structure	Wood pore or relief
6)	Front edge types	
	Décor edge	Worktops are laminated with a 1.2 mm thick décor edge all around. Only square versions are possible.
7)	Bottom face coating	CPL / HPL
8)	Sealing	Must take place on site for cut-outs as well as tongue and groove connections using a moisture-repelling agent. Worktop sealing tape is included in the fittings box.
9)	Dimensions	The maximum width is 3400 mm

III Console panel

1)	Material thickness	100 mm
2)	Substrate material	Sandwich chipboard

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3)	Surface material	Laminate (CPL / HPL)
4)	Laminate thickness	0.6 - 0.8 mm, both faces
5)	Surface structure	Wood pore or relief
6)	Edge type	
	Décor edge	With 1.5 mm thick PP edging all around
7)	Coating of the underside	Laminate (CPL / HPL)
8)	Dimensions	Minimum dimensions: 200 x 200 mm Maximum: 1200 mm deep, 1800 mm wide
9)	Assembly	50 % of the console panel must rest on the support panel. Built-in hot plates and sinks are not possible.

FRONTS

1)	Material thickness	19mm, 22mm
2)	Core/substrate material	Chipboard, MDF
3)	Surface material	Melamine, laminate, lacquer, polymer foil, acrylic, real glass
4)	Design	range-referenced
5)	Fastening	at least two clip hinges per front
6)	Cushioning	All fronts are cushioned on the inner face with 2 mm thick plastic bumpers. All drawers, pull-outs and flaps are supplied standard with cushioned fittings. Hinged doors also come standard with additional cushioning integrated in the hinge.
7)	Glazing	Clear floating glass, etched matt glass, black glass, 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 glass fronts	Substrate material (16 mm chipboard), 3 mm ESG-glass, acrylic edging all around, depending on range also available with lacquered or printed front or back face
10)	Digital print	Chipboard substrate, coated, printed, lacquered

CARCASE MATERIAL

1)	Side panels and construction shelves	
	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 glass wall units and shelves (carcase interior and exterior in the same décor), wall unit bottom face in décor

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	Edging	BU: front: PP edging in carcase décor, top, bottom, rear: paper edging TU: front: PP edging in carcase décor, top, bottom, rear: paper edging WU :front: PP edging in carcase décor, top + bottom: PP thin edging in carcase décor, rear: blind edging
2)	**Loose shelves**	
	Material thickness	
	wood	16 mm
	glass	5 mm / 6 mm (folding/lifting unit) / 8 mm (glass cabinets)
	Load capacity (wood / glass)	Maximum recommended load for wood and glass shelves: 50kg/m²
	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	Thickness: 2,8 mm
	Core/substrate material	Hardboard (HDF, MDF)
	Surface colour	Inside in lacquered / printed décor
4)	**Uprights / Cover panels / Lighted bottom shelves**	
	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 16 mm : also possible in lacquered laminate
	Surface colour	16, 25, 50 mm: Surface colour according to sales manual available in carcase and worktop décor, partially also in front material as well as high gloss and ultra high gloss décor
	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, F014 stainless steel and colours 115, 134, 186, 195, 200, 319, 343, 346 => max. 1200 mm)
	Surface colour	Design in carcase, worktop décor and in stainless steel appearance, niche claddings with digitally printed motifs and varnished
	Direction of finish	horizontal, exception: F226 Metal art décor

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6)	**Glass niche claddings**	
	Material thickness	16 mm
	Dimensions	height: 250 - 1200 mm, width 250 - 2500 mm
	Core/substrate material	Chipboard (substrate material): 12 mm Security glass (ESG): 4 mm
	Surface colour	silver, white HG, black HG, satin grey HG, alpine white HG, savannah HG, glass appearance, ivory HG, sand HG, masterflow black matt
	Special features	According to sales manual notches, chamfered cuts and drill holes possible
7)	**Side panel**	
	Material thickness	16 mm (total construction depth 25 mm)
	Substrate material	Chipboard (16 mm) ESG-glass (12 mm substrate material, 4 mm glass coating)
	Surface colour	Available colours according to sales manual, not available in the following colours: stainless steel appearance, Colour Concept 241, 246, 248, 249, 254, 257, slate décor 066, basalt oak 128, black 186
	Dimensions	Width dimensions: 250 - 2580 mm available Standard height: 368 mm Variable height: 250 to 500 mm (glass only available in standard height)
	Profiles	End profile on top / bottom / side, intermediate profile, brush profile, groove cover for end profile on top, profile strip for railing system with mounts for panel wall
	Accessories	Wall shelf (16/25 mm thick), shelf, glass shelf, LED wall light
8)	**shelf and rear wall connection**	
	Base unit	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	Wall unit	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	Tall unit	Shelf and side panels with glued in hardwood dowels (8x30 mm) as corner connection
	Back panel	grooved in 4-6 mm deep in the side panel, screwed at the top and bottom to the bottom shelf For wall units upwards of 1,000mm width without centre posts, the back panel is divided at the centre by a guide rail
9)	**Fastening of the loose shelves**	Metal shelf supports
10)	**Loose shelf adjustment**	Group of holes

PLINTH		
1)	**Plinth panel**	
	Material thickness	13 mm
	Core/substrate material	MDF / hollow chamber sealing profile

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	Surface material	Direct coating on melamine resin basis or metal foil
	Surface colour	Execution possible in all carcase colours
	Fixed lengths	2200 mm, 3350 mm
2)	**Plinth assembly**	
	Floor sealing profile	Integrated sealing lip as floor connection Optional: attached U profile for flexible compensation of floor irregularities
	Plinth corner set	Hollow chamber profile
3)	**Plinth height**	70, 100, 150, 200 mm

HINGES

1)	**Type / Style**	Sensys hinge with integrated cushioning
2)	**Material**	Metal
3)	**Mounting plate fastening**	double screwed with plastic spreading dowel
4)	**Clip-on hinge fastening**	Clip engagement, installation and removal on/from the mounting plate without tools
5)	**Opening angle**	
	Standard	110°
	Hinged door for internal drawer	165°
	Corner units	165°
	Diagonal types	95°
	Limiters	Optional opening angle limiter of 85° for corner solutions or for wall mounting
6)	**Adjustment**	- up/down: ± 1.5 mm
		- depth adjustment: ± 2 mm
		- Distanz seitlich: ± 1,5 mm
7)	**Number per door**	min. 2 hinges per door

UNITY ASSEMBLY

I WALL UNITS

1)	**Material suspension brackets**	Rigid plastic / metal
2)	**Number of suspension elements per unit**	min. 2 pieces, centre suspension concealed bracket folding-lifting wall units and shelf units upwards of 1,000mm width
3)	**Type of adjustment**	- Inclination
		- height adjustment
4)	**Type of fastening in the carcase**	2 plastic dowels pressed into the carcase side

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5)	Fastening to the building wall	- metal suspension rail / dowelled
		- protect free hanging wall units from lateral slipping by means of brackets
6)	Load capacity	The maximum load for wall units is 75 kg, whereby the individual shelves can carry a maximum load of 16 kg each
7)	Lighting	1) Lighted shelf as wall unit bottom shelf with integrated lighting (MP-LA) 2) Various lighting integrated in the bottom shelf 3) Wall unit bottom shelf with attached profile strip in stainless steel appearance 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
2)	Construktion	Metall
3)	Front / frame connection	- Tool-less removal and assembly of panels
		- 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)	Cushioning of the pull-outs	Integrated hydraulic cushioning
5)	Closing system optional: Opening system	Automatic closing system "SOS set" electromechanical opening of drawers and front pull-outs (Sensomatic) Opening support mechanism "Libero" Foot pedal operated via sensor for waste separation systems: Euro-Cargo Soft, Euro-Cargo-S, Separato-K, Separato-M and Cargo frame

DRAWERS / FRONT PULL-OUTS: BEARINGS

1)	Style	Roller bearings with load dispersion roller
2)	Type	Full pull-outs
3)	Material	Steel
4)	System load capacity	to 600 mm width: up to 40 kg 800/900mm width: up to 60 kg 1000mm width: up to 70 kg 1200 mm width: up to 80 kg
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

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	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**	
	Short 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)	**Tall Units**	
	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
6)	**Special features**	Base unit: Carcases for downdraft extractor fans with protruded back panel, for appliances with or without plinth motor in circulating air / extraction mode

ACCESSORIES

1)	**Wall shelves**	12 kg per pair of supports

Weitere Funktionsbeschläge

1)	**Pharmacist's**	Full pull-out, 80 kg load
2)	**Carousel (BU / WU)**	360° rotatable, 25 kg load per shelf
3)	**Flap hinges**	- Flap door lifting fitting with 112°/120° opening angle, - Flap door wall units in 325.5mm and 359mm height 100° opening angle - Swivel flap doors with 75° opening angle
	Servo drive	'Electric motor Servo Drive for wall units with swivel flap doors or folding/lifting doors
4)	**DSA side pull-outs**	Full pull-out with cushioning, 10 kg load per shelf

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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 shelf

SMALL GLOSSARY OF TECHNICAL TERMS

1)	**Laminate / HPL (High Pressure Laminate) or CPL (Continuous Pressure Laminate)**	Surface coating material comprising several layers, i.e. decor, substrate and protection, thickness: 0.3 to 1 mm, to produce high-quality extremely resistant kitchen surfaces depending on the field of application
2)	**Direct coating**	Melamine resin impregnated decorative paper to product a high-quality decorative surface
3)	**Chipboard**	Wood-based panel material, manufactured from wood chips by the addition of glue
4)	**Echtholz**	Massivholz oder furnierter Holzwerkstoff
5)	**MDF (medium density fibreboard)**	Fibreboard of medium density, manufactured from wood chips by the addition of glue
6)	**PMMA (Polymethyl methacrylate)**	Synonym for acrylic
7)	**HDF (high density fibreboard)**	Fibreboard of high density, manufactured from wood chips by the addition of glue
8)	**System load capacity**	Own weight of the system (incl. front) plus load = system load
9)	**Full pull-out**	The drawer / front pull-out can be pulled-out of the unit to its full usable depth, its rear area is also accessible from above
10)	**DIN / EN**	- German Industrial Standard / European Standard - defines the requirements and properties of materials and finished products
11)	**PP**	Polypropylen
12)	**Clip-on hinge**	The hinge is clipped on the mounting plate; no tools are required
13)	**ESG**	Single pane security glass: Tempered glass, no further processing possible