

Technical Product Description

Worktops		
1.	Thickness	40 mm, 50 mm
2.	Surface material	Laminate according to standard: EN 438
3.	Surface structure	Wood pore or relief, matt or gloss
4.	Front edge	2 x Radius 3 mm, 6 mm or 8 mm depending on decor, optional plastic or solid wood edge
5.	Bottom face coating	Water-repellent, resin-impregnated paper

Fronts		
1.	Material and structure are dependent on the range	<u>see PDF „Fronts 2008“</u>
2.	Fastening	Two hinges per front
3.	Cushioning	Using a circumferential cushioning/sealing profile Optionally, an active retrofittable cushioning element
4.	Glazing	Finished with single-pane safety glass

Carcase Material		
1.	Side panels and construction shelves	Thickness: 16 mm
	Material	Chipboard according to standard: DIN EN 312
	Surface	Direct coating on melamine resin basis according to standard: DIN 52 361 Carcase has same decor inside and out
	Edging	Front side with plastic edging, all other edges are coated with melamine
2.	Base	Thickness: 16 mm
	Material	Chipboard according to standard: DIN EN 312
	Surface	Direct coating on melamine resin basis according to standard: DIN 52 361 Carcase has same decor inside and out
3.	Back panel	Thickness: 3,2 mm
	Material	HDF according to standard: EN 622
	Surface	Inside in varnished and printed decor

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Carcase Material		
4.	Side panel, base, and back panel connection	
	Wall units	Shelf and side panels with 5 hardwood dowels (Ø 8x30 mm) Glued in each corner connection
	Base units	Shelf and side panels with 6 hardwood dowels (Ø 8x30 mm) Glued in each corner connection
	Back panel	Grooved in 6 mm deep in the side panel, Screwed at the top and bottom to the bottom shelf (length of screws: 30 mm)
5.	Fastening of the loose shelves	4 or 5 pure metal shelf holders with safety plugs, placeable in 5 mm holes in the unit side
6.	Securing the loose shelves against being pulled out	The bottom beam secures the loose shelves using a safety plug
7.	Adjustment of the loose shelves	Depending on the unit type, 5 - 9 times in intervals from 64 mm using a hole grid
Plinth		
1.	Plinth panel	Thickness: 12 mm
	Material	Chipboard according to standard: DIN EN 312
	Surface	Direct laminate on melamine resin base, optionally veneered and varnished according to standard: DIN 52 361
2.	Surface of plinth front	Matt, decor as for carcass or in special colours
3.	Plinth connection to the ground	On the plinth ledge, there is a 5 mm wide sealing lip made of PP, water-resistant The plinth trim is pressed hard against the floor using a catch element
4.	Plinth height	from 8 to 23 cm, standard heights 8, 12, 17 cm
	Height adjustment	using the plinth feet 2 cm up and 1 cm down
Hinges		
1.	TYPE / Style	Clip-on hinge fastening
2.	Material	Metal
3.	Fastening	Double screwed in a 10 mm hole with plastic spreading dowel
4.	Opening angle	110° with standard executions

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Hinges		
5.	Adjustment	- Up / down +/-2 mm - Depth adjustment +/- 1.5 mm using Exenter screw - Distance + 0.5 mm, - 3 mm using set screw
	Number per door	2 hinges per door
	Locking function	A spring mechanism in the hinge ensures the opening / closing mechanism / automatic locking function
6.	Cushioning	Optional retrofittable cushioning element

Wall Unit Suspension		
1.	Material	Metal, loadable to 70kg (DIN-standard assembly is required)
2.	Number per door	2
3.	Type of adjustment	- Fastening to the wall + 22 mm - Height max. 11 mm up, max. 14 mm down
4.	Type of fastening in the carcass	Double screwed in the carcass side panel in a 10 mm hole with a plastic spreading dowel
5.	Fastening to the building wall	- Metal suspension rails - Length = unit width - 40 mm - 2 or 4 special fastening screws (5.5 x 65 cylinder head) with high-quality universal dowels

Drawer Systems		
1.	Material	Steel frame, steel rear wall with 16 mm chipboard shelf
2.	Construction	Steel frame with locked shelf
3.	Connection front / frame	- Positive, detachable engagement connection - Adapter dowelled into the front panel - Adjustment: Height: ± 2 mm using Exenter screw, side: ±1.5 mm - Tilting when pulled out: + 2 mm (based on 500 mm panel height)
4.	Cushioning	Optional for all drawer systems

Drawer Systems – Bearing		
1.	Style	Ball-bearing rail with self-closing runner, Comfort Line
2.	Type	pull-out drawer
3.	Material	Steel
4.	Load capacity	- Drawers and pull-outs up to 600 mm wide up to 40 kg - 800 mm and 900 mm wide pull-outs with depth 600 mm and 750 mm up to 80 kg
5.	Protection against pulling out	Plastic engagement noses in the frame

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Carcase Dimensions		
1.	Base units	Carcase height 700 / 833 mm, carcase depth 312 / 454 / 554 / 704 mm
2.	Wall units	Carcase height 300 / 608 / 677 / 937 mm, carcase depth 312 mm

Further Functional Fittings		
1.	Supply cabinet EAS/SVK	Load capacity: 100 kg drawer load capacity Drawer: Partial pull-out, optional as full pull-out with cushioning
2.	Supply cabinet EAS/SVSK	Load capacity: 30 kg drawer load capacity Drawer: Partial pull-out, optional as full pull-out with cushioning
3.	Supply cabinet EVK	Load capacity: 50 kg drawer load capacity 50 kg door rack load capacity
4.	Base unit UVK/UVSK	Load capacity: 30 kg drawer load capacity Drawer: Partial pull-out, optional as full pull-out with cushioning
5.	Corner unit UEA	Load capacity: 15 kg load capacity per shelf
6.	Corner unit UEK/UET/ UERT/UERB	Load capacity: 20 kg load capacity per shelf
7.	Corner unit UEMA	Load capacity: 14 kg front drawer load capacity 18 kg corner drawer load capacity
8.	Wall units HET	Load capacity: 8 kg load capacity per shelf
9.	Corner unit UELA	Load capacity: 20 kg load capacity per shelf
10.	Side unit SELA	Load capacity: 20 kg load capacity per shelf
11.	Glass shelf	Load capacity: 10 kg load capacity per shelf

Small Glossary of Technical Terms		
1.	Laminate	Surface coating consisting of resin-impregnated paper applied to a wooden board. The surface is formed by the texture impressed in the surface from glossy to textured.
2.	Direct coating	Melamine resin-impregnated decorative paper to create a high-quality decorative surface
3.	Chipboard	Wood panel material, created from wood chips and glue
4.	MDF	Fibreboard of medium density, manufactured from wood chips and glue
5.	HDF	Fibreboard of high density, manufactured from wood chips and glue
6.	Load capacity	Load weight plus own weight of the system including front weight
7.	Drawer	The drawer / pull-out can be pulled out of the unit to its full usable depth, only the back panel remains in the unit
8.	DIN / EN	German Industrial Standard / European Standard Requirements and properties of materials and finished products

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Small Glossary of Technical Terms		
9.	Clip-on hinge	The hinge is clipped on the mounting plate; no tools are required.
10.	Glossy / matt plastic	Resin-impregnated paper is applied directly to the wood panel under pressure and at a high temperature. The surface is defined by the texture impressed onto the surface, from glossy to textured.
11.	Varnished or coated foil	The wood panel material, here MDF, is coated at the front panel and at the edges with a polymer foil. The rear of the front is finished in glossy/matt plastic in the same decor.
12.	Postforming	The laminate applied to the front side is bent over the long edge under pressure and at a high temperature.
13.	Nature	Surface treatment using foils that give the front a surface that resembles natural wood.
14.	Hand patinated	Lacquering process in which the profiles are reconstructed by hand to give an effect of an antique kitchen. The hand work means that each front is unique.
15.	Varnished	After a multi-layer application of varnish, the front has a high-quality surface - even on the rear side and all edges.
16.	Wood	Naturally grown raw materials that retain their natural beauty and individuality with a hardwearing application of varnish.