

### hülsta 🙌

# **PERSIS** LMNG



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## PERSIS

As a solid wood range, **PERSIS** combines finesse and grandeur with elegance and raw natural beauty. Strong solid wood perfectly encompasses opaque glass elements that give the appearance of shimmering wood. This extravagant effect is achieved using a world innovation in furniture design: a velvety soft relief in the glass fronts, coloured from the rear, which adds a sensational impact to the living room. In two colour worlds, PERSIS shows the different sides to its character: subtle and harmonious or distinctive and elegant. The carcase perfectly uses different material thicknesses – it is tapered towards the front, thus providing a fine frame. Its edges are of exceptional quality: the transitions are meticulously crafted, ensuring a beautiful overall look.

#### Contents

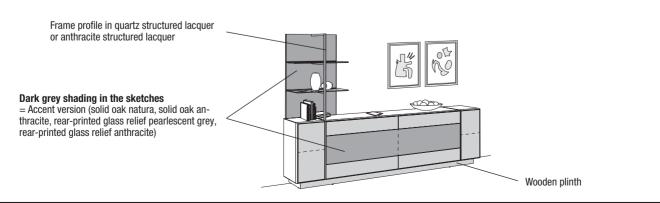
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### Lists of versions

Model no.	Carcase and front	Price group	Model no.	Accent versions: Carcase / Front	Price group
806 807	Solid oak natura Solid oak anthracite	I	806 807 731 732	Solid oak natura / solid oak natura Solid oak anthracite / solid oak anthracite Solid oak natura / rear-printed glass relief pearlescent grey Solid oak anthracite / rear-printed glass relief anthracite	      

### **Explanation of versions**



#### Accent versions:

Carcase in solid oak natura, front of rear-printed glass relief pearlescent grey or carcase in solid oak anthracite, front of rear-printed glass relief anthracite. Changing versions between carcase and front is not possible.

#### Glass versions:

Glass fronts, glass shelves behind fronts and glass shelves of bookshelves of clear glass

#### Metal substructures, frame profiles:

Metal substructures and frame profiles (always in the same version) in quartz structured lacquer for the solid oak natura version or in anthracite structured lacquer for the solid oak anthracite version. Please state the required version clearly in the order! Metal substructures incl. plinth adjusters.

#### Standard interior fittings:

Fitted wooden shelves are fitted behind doors at 2 Raster intervals and fitted glass shelves are fitted behind glass doors. Drawer frames in carcase version

#### Wall units:

Wall units always incl. wall bracket

#### Combinations of floor and wall units:

If floor and wall units are combined within an arrangement, there must not be any skirting boards in the room near the floor units, otherwise they must be removed.

#### Max. load:

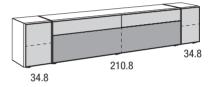
Max. load of wooden and glass shelves (up to 70.4 cm width) as well as drawers: 25 kg Max. load of wooden and glass shelves (between 70.4 and 105.6 cm width): 15 kg; from 105.6 cm width: 10 kg Max. load of cover shelves: 35 kg per metre length for floor units. Please also note any maximum loads which may be stated in the type list for the individual units!

hülsta-Push-to-open: Drawers, flaps and doors with hülsta-Push-to-open

#### Information on the sketches

#### Split drawer frames:

Split drawer frames are used for drawers in front widths of 140.4 cm, 175,6 cm and 210,8 cm (the partitions are shown by dotted lines in the sketches). The front widths of the drawers are illustrated at the sketches of the units so that you can order suitable accessories for the drawers.



#### Wall fitting

**Important notes:** Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units. That is why wall mounting should only be carried out by properly trained and qualified fitters. hiists supplies materials for mounting units on walls for nearly all the units and which should be used for safety and for constructional reasons. The assembly materials supplied by hilsta (plugs, screws) are only suitable for fitting components on to concrete in firmness class C12/15. For other materials (please see separate materials table in the wall composition chapter) we provide you with an assembly mortar set as an extra order. Please note that this assembly mortar set is also only suitable for the materials listed in the materials table. If walls are made up of other materials (e.g. plastered or lighter wall materials), one should use another method of mounting better suited to the load on site. Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used. For the reasons stated above it is absolutely essential to enquire about the composition of any walls before signing any contracts.

#### Wall units

If lowboards are included as wall units, a maximum load per unit of 15 kg per metre must not be exceeded for reasons of stability! Max. load 15 kg per metre:

181.8 cm width: 25 kg 217.0 cm width: 30 kg 252.2 cm width: 30 kg 287.4 cm width: 35 kg The wall units can only be fitted on absolutely solid walls. Light masonry is not suitable for this purpose.

For each project please remember to leave a 2.0 cm gap at the top to be able to mount units.

### Labelling in type list drawings / assembly notes for wall units

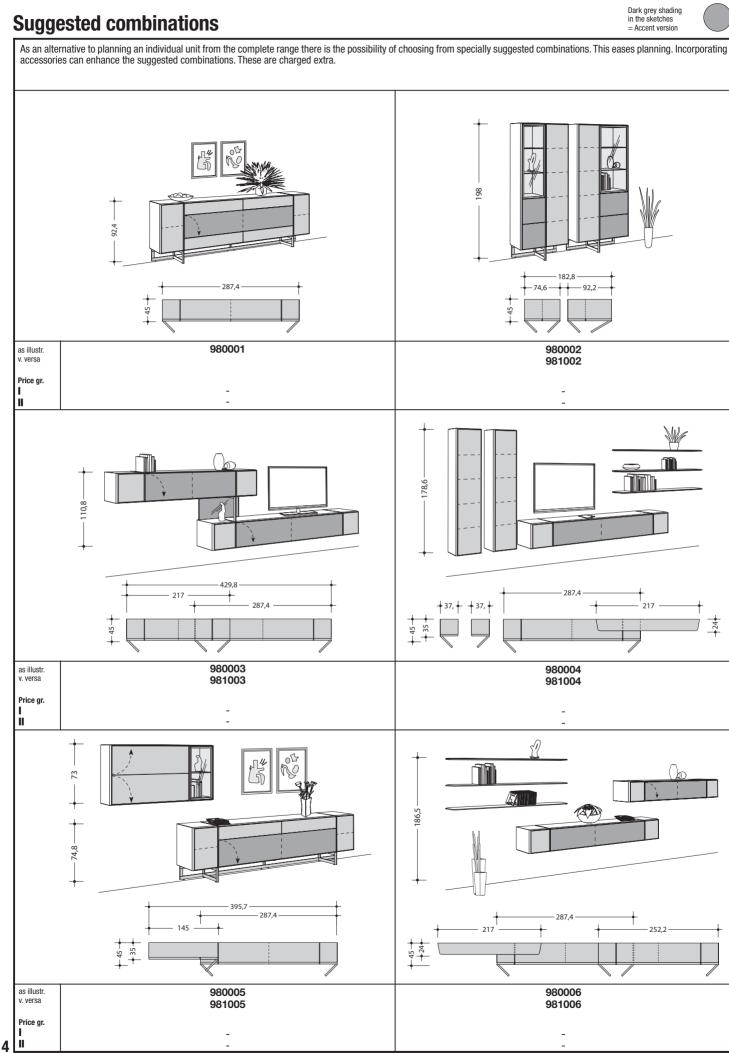
### Labelling in type list drawings / assembly notes for wall units

The majority of units have two wall mounting points (= number of base plates), if these are to be fitted as wall units. This is not explicitly mentioned in the type list. If a different number of wall mounting points (= base plates) is required, this is marked in the drawings in the type list with numbers in black boxes. Please be sure to note here the information and notes in the "Wall composition" chapter! 3 4

#### Notes on delivery

Notes on delivery: The majority of the units are delivered standard as fully connected units (glued) so that the carcase cannot be disassembled. There are however some excep- tions to this rule:	
Some carcases are delivered as complete units but can be <b>disassembled into</b> individual sections in the final customer's home. These types are marked with a <b>1</b> in the type list.	1
Some carcases are delivered <b>in individual sections</b> because of their size. These types are marked with a ${\bf 2}$ in the type list.	2
The fronts with the number <b>2</b> are delivered separately and can therefore always be	

The fronts with the number **2** are delivered separately and can therefore always b (dis-) assembled.

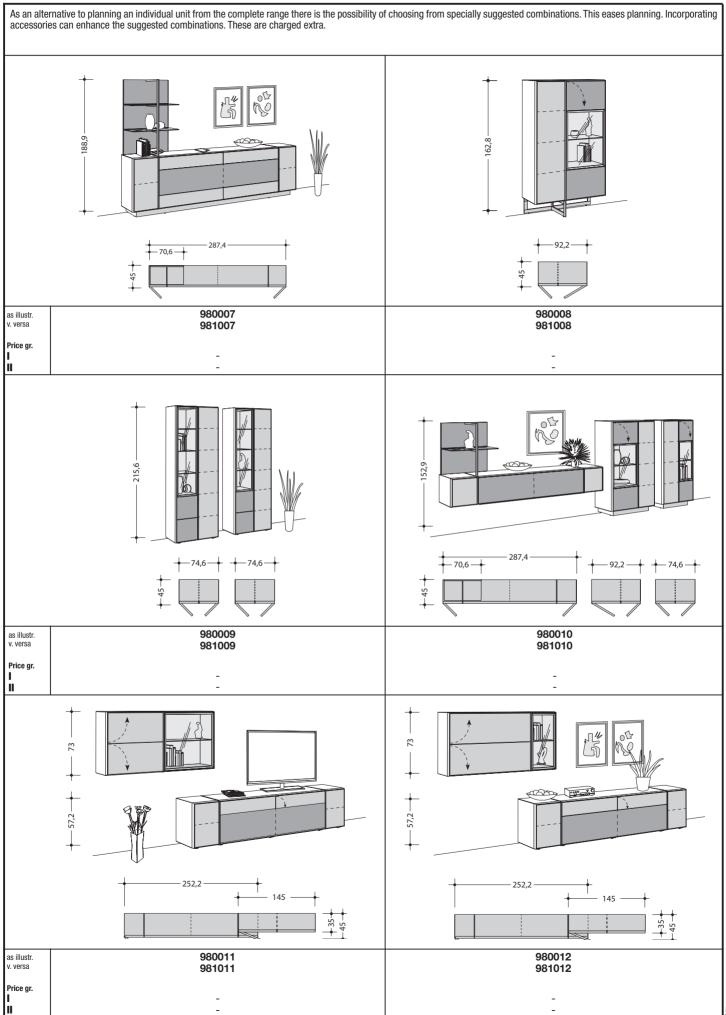


### **Suggested combinations**

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### **Suggested combinations**

### PERSIS



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### **Suggested combinations**

As an alt accessor	ernative to planning an individual unit from the complete range there is the possibility o ries can enhance the suggested combinations. These are charged extra.	f choosing from specially suggested combinations. This eases planning. Incorporating
	+ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	
as illustr. v. versa	980013 981013	
Price gr. I	<u>-</u>	

6





### Lowboards and sideboards

Lowboards 55.4 cm hiah (57.2 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep 34.8 34.8 105,2 140.4 34.8 34,8 181.8 cm wide 217.0 cm wide Left: 1 door Left: 1 door Left: 1 door Centre: 1 drawer Left: 1 door Left: 1 door Left: 1 door Centre: 1 drawer, 1 flap Centre: 1 flap, 1 drawer Flap hinge at bottom Centre: 1 flap Centre: 2 flaps Centre: 2 drawers Right: 1 door 31828 31818 32128 32138 32148 32118 Centre below: Flap in accent version Price ar. \_ \_ \_ II 31821 31811 32121 32131 32141 32111 Centre below: Drawer in accent Price ar. version When used as wall units: I -\_ \_ \_ Max. load: 40 kg II \_ Sideboards 73.0 cm high (74.8 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep 34,8 34,8 105.2 140,0 34.8 34.8 181.8 cm wide 217.0 cm wide Left: 1 door Centre: 1 flap, 1 drawer; 2 dra-Centre: 1 flap; Centre: 1 drawer; Centre: 2 flaps; Centre: 1 drawer, Centre: 2 drawers Flap hinge at bottom 1 drawer 1 drawer 2 drawers 1 flap: 2 drawers 2 drawers wers Right: 1 door 41828 41818 42128 42138 42148 42118 Centre: Flap in accent version Price gr. \_ \_ \_ \_ \_ \_ Ш \_ \_ 41821 41811 42121 42131 42141 42111 Centre: Drawer in accent Price gr. version When used as wall units: Max. load: 40 kg \_ \_ \_ \_ \_ II Wooden plinth 8.8 cm high The units can be planned optionally on a wooden plinth. In this case the plinth adjusters are omitted. for 181.8 cm width for 217.0 cm width 2182 2212 Price gr П Metal substructure incl. plinth adjusters; 19.4 cm high 9 N The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted. for 181.8 cm width for 217 0 cm width 2181 2211 Price gr. \_ \_ Wall bracket If units are to be included as wall units or stacked on top of one another, a wall bracket must be ordered. 2183 2213 Price gr. \_ h

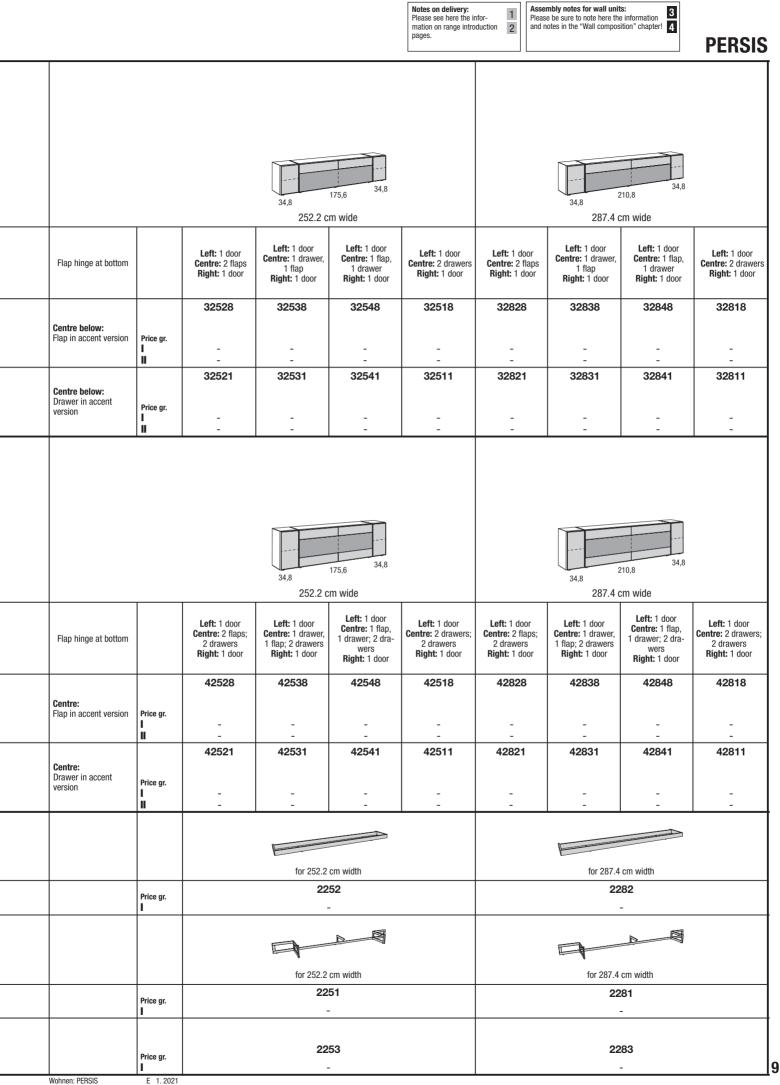
8

Dark grey shading

in the sketches = Accent version

Assembly notes for wall units: Assembly notes for wall units: 3 Please be sure to note here the information and notes in the "Wall composition" chapter! 4

3



### Highboards

nigibuarus					= Accent version
Highboards 143.4 cm high (145.2 cm high incl. 1.8 cm high plinth adjusters), 45.0 cm deep Cannot be fitted as a wall unit!			34,8 34,8 74.6 cm wide	52,4 34,8 92.2 cm wide	70,0 34,8 109.8 cm wide
	Flap hinge at bottom		Left: 1 flap, 1 glass door, 1 drawer Right: 1 door	Left: 1 flap, 1 glass door, 1 drawer Right: 1 door	Left: 1 flap, 1 glass door, 1 drawer Right: 1 door
		as illustr. v. versa	97511 97512	99211 99212	91111 91112
		Price gr. I II	-		-
Wooden plinth 8.8 cm high The units can be planned optionally o this case the plinth adjusters are omi	on a wooden plinth. In tted.		for 74.6 cm width	for 92.2 cm width	for 109.8 cm width
		Price gr.	272	292	2112
Metal substructure incl. plinth adjusters; 19.4 cm high The units can be planned optionally on a metal substructure. In this case the plinth adjusters are omitted.			for 74.6 cm width	for 92.2 cm width	for 109.8 cm width
		Price gr.	271	291 -	2111 -

### Cabinets

oubiliets						
Cabinets 178.6 resp. 213.8 cm high (180.4 resp. 215.6 cm high incl. 1.8 cm high plinth adjusters),			178.6 c	213.8	cm high	
45.0 cm deep					<b>1</b>	
Cannot be fitted as a wall unit!						
Cannot be fitted on a wooden plinth or metal substructure in 213.8 cm height!						
			34,8 34,8	52,4 34,8	34,8 34,8	52,4 34,8
			74.6 cm wide	92.2 cm wide	74.6 cm wide	92.2 cm wide
			Left: 1 glass door, 2 drawers Right: 1 door	Left: 1 glass door, 2 drawers Right: 1 door	Left: 1 glass door, 2 drawers Right: 1 door	Left: 1 glass door, 2 drawers Right: 1 door
		as illustr. v. versa	117511 117512	119211 119212	127511 127512	129211 129212
		Price gr. I II	-	-	-	-
<b>Wooden plinth</b> 8.8 cm high						
The units can be planned optionally of this case the plinth adjusters are om	on a wooden plinth. In					
	niou.	for 74.6 cm width		for 92.2 cm width		
		Price gr.	272	- 292		
Metal substructure incl. plinth adjusters; 19.4 cm high						
The units can be planned optionally on a metal substructure.						
In this case the plinth adjusters are o	In this case the planted optionary of a metal substructure.		for 74.6 cm width	for 92.2 cm width		
		Price gr.	271	291		
		I	-	-		

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Notes on delivery: Please see here the information on range introduction pages.

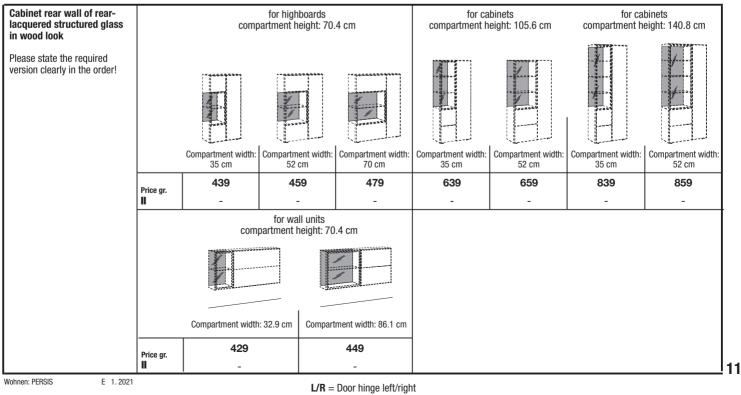
1 2 Assembly notes for wall units: 3 Please be sure to note here the information and notes in the "Wall composition" chapter! 4

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### Wall units

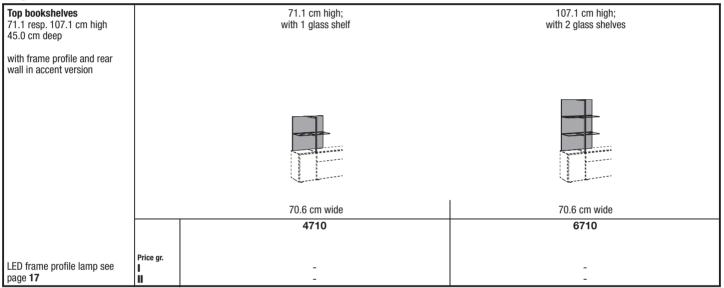
Vall utilis								<b>FLNOR</b>		
Wall units 37.8 cm high; 45.0 cm deep										
		34,8 10	5,2 34,8	34,8 140	0,4 34,8	34,8 175	5,6 34,8	34,8 210	0,8 34,8	
		181.8 c	m wide	217.0 c	m wide	252.2 c	m wide	287.4 c	m wide	
Max. load: 40 kg	Flap hinge at bottom	1 door; 1 drawer; 1 door	1 door; 1 flap; 1 door	1 door; 1 drawer; 1 door	1 door; 1 flap; 1 door	1 door; 1 drawer; 1 door	1 door; 1 flap; 1 door	1 door; 1 drawer; 1 door	1 door; 1 flap; 1 door	
		21811	21818	22111	22118	22511	22518	22811	22818	
Wall units or wall assembly: See here the information on page 3	Price gr. I	-	- -	-		-				
Wall units 73.0 resp. 178.6 cm high; 35.0 cm deep	73.0 cr			m high		178.6 cm high				
		105	2 34,8	70,0	70,0		34	.8 		
		145.0 c	m wide	145.0 c	m wide	37.8 cm wide				
Max. load: 40 kg	Flap hinge at bottom	Flap hinge 2 flaps; 1 glass door		2 flaps; 1 glass door		1 door				
	as illustr. v. versa	414 414		414 414	281 282		10311 L 10312 R			
Wall units or wall assembly: See here the information on page 3	Price gr.				-			-		

### **Cabinet rear wall**



### Dark grey shading in the sketches = Accent version Intermediate bookshelves Intermediate bookshelves 71.1 cm high; with 1 glass shelf 35.2 cm high 35.2 resp. 71.1 cm high 45.0 cm deep with frame profile and rear wall in accent version 70.6 cm wide 70.6 cm wide 2700 4700 Price gr. LED frame profile lamp see page **17** \_ liı

### **Top bookshelves**



### Wall shelves

Wall shelves 2.5 cm thick; 24.0 cm deep						
for fitting anywhere on walls						
		146.6 cm wide	181.8 cm wide	217.0 cm wide	252.2 cm wide	
	Max. load: 10 kg		Max. load: 10 kg	Max. load: 15 kg	Max. load: 15 kg	
	1424		1824	2124	2524	
	Price gr.	-	-	-	_	
		e energy classes A++ to A. The lamps o luminaire. 12 V	LED lamps incl. footsv	vitch. A remote control unit is possible f	or operation (against a surcharge)	
LED lamps for wall shelves			· · /// /// /// ///	\\\\\\\ \\\\\_		
		for 146.6 cm width	for 181.8 cm width	for 217.0 cm width	for 252.2 cm width	
		for 146.6 cm width 9.6 W			for 252.2 cm width 20.2 W	

### PERSIS





### **IR repeater set**

#### IR repeater set

Infrared signal transmission set for operating media units behind wooden/lacquered fronts. You can operate all the units in one compart-ment with one set. The following applies:

- One set must be used in each compartment. 2 transmitters can also be installed in large compartments in order to increase perfor-mance. In this case only one additional transmitter needs to be ordered. The transmitter must be placed in the direct vicinity of the receiver eye.
- .
- Transmittable IR frequency band 20 60 kHz Up to 3 transmitters can be combined with one receiver. •
- •

It is possible to use 3 transmitters via 1 receiver including Master box. This enables simultaneous operation of 3 different furniture compartments or in critical situations it allows fitting out one furniture compartment with several transmitters in order to increase the performance in this compartment or to operate 2 end units placed next to one another.

- The IR repeater set consists of: 1 receiver eye (Ø 3.0 cm) incl. standing bracket
- 1 electrical transmitter
- 1 plug EVG 12 V
- Cable clips .

Please note the details stated in the operating instructions!



### **Cable apertures**

	<b>Cable aperture K1</b> silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The cable aperture can be made at the rear of the top shelf. The position is in the centre of the compartment, distance from centre of aperture to rear edge of unit: 10.0 cm.	K1
<b>P</b>	<b>Cable aperture K2</b> silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the rear wall of the lowboard. Positioned at centre of compartment.	K2
	<b>Cable aperture K7</b> silver-coloured; 7.0 x 12.0 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The position is in the centre of the compartment, flush with the rear edge of the unit.	K7 -
	<b>Cable aperture K8</b> silver-coloured; 12.8 x 3.2 cm It is possible to fit a cable aperture in the top shelf of the lowboard. The cable aperture can be made at the rear rim of the top shelf. Positioned in centre of compartment.	K8
	<b>Cable aperture K9</b> 13.0 x 1.6 cm It is possible to fit a cable aperture in a fitted shelf. The cable aperture can be made at the rear rim of the fitted shelf. Positi- oned in centre of compartment.	K9 -
	<b>Cable aperture K20</b> silver-coloured; Ø 8.0 cm It is possible to fit a cable aperture in the partitions of the lowboard.	K20 -

### Column system, flat screen supports

<b>Column system</b> consisting of a metal column (for fitting anywhere on wall) and of audio/DVD support(s), for fitting anywhere on column.	Columns of metal; for fitting anywher plinth slat; cables can be la audio/DVD supports can be fit	id and hidden at any height;	Audio/DVD support of metal; can be positioned at any height on the column and be adjusted to suit audio/DVD players of any size; with rubber padding at front to prevent units from slipping; max. load: 10 kg
Example of use:			<u>f</u>
	36.8 cm high	64.1 cm high	
	9201	9202	9203
	-		-
Flat screen support WTL6 The flat screen support can be adjusted 3-dimensionally. It is suitable for flat screens with a screen diagonal of 102- 216 cm (40"-85"); max. load: 45 kg. Suitable for Curved TV's. Flat screen support compatible with VESA Norm standard: min.: 200 x 200 mm max.: 600 x 400 mm	Flat screen support THIN 34 The flat screen support can It is suitable for flat screens v 140 cm (32"-55") and a max load: 25 kg. Go to www.vogels.com to chu fitted on this flat screen support After a few steps you can see patible with the flat screen su Not suitable for Curved TV's. Flat screen support compatible min.: 100 x 100 mm max.: 600 x 400 mm	be adjusted 3-dimensionally. with a screen diagonal of 81- cimum depth of 4.5 cm; max. eck if your flat screen can be ort. Enter the name THIN 345. if your flat screen TV is com- upport.	Flat screen support THIN 315 The flat screen support can be angled up to a max. 15°. It is suitable for flat screens with a screen diagonal of 102- 165 cm (40"-65") and a maximum depth of 5.0 cm; max. load: 25 kg. Go to www.vogels.com to check if your flat screen can be fitted on this flat screen support. Enter the name THIN 315. After a few steps you can see if your flat screen TV is compatible with the flat screen support. Not suitable for Curved TV's. Flat screen support compatible with VESA Norm standard: min.: 100 x 100 mm max.: 600 x 400 mm
	270/106		E12/1987 VW
for fitting anywhere on walls	for fitting any	where on walls	for fitting anywhere on walls
9704	93	04	9504
-	.	-	-

### Accessories for drawers

		for 34.8 cm front width	for 52.4 cm front width	for 70.0 cm front width	for 105 front v		for ½ drawer, 140.4 cm wide, and 70.0 cm front width	for ½ drawer, 175.6 cm wide, and 87.6 cm front width	for ½ drawer, 210.8 cm wide
	<b>Tableau</b> lined with grey fabric	8620	8621	8622	86		8624	8625	8626
		for 36 CD's	for 54 CD's	for 64 CD's	for 112	2 CD's	for 64 CD's	for 96 CD's	for 112 CD's
andan	<b>CD holder for drawers</b> Please state exactly in your order and drawing in which 2 Raster dra- wer the CD holder is to be fitted.								
		8420	8421	8422	84		8424	8425	8426
		for 12 DVD's	for 24 DVD's	for 33 DVD's	for 44		for 33 DVD's	for 44 DVD's	for 44 DVD's
	<b>DVD/Blu-Ray holder for drawers</b> Please state exactly in your order and drawing in which 2 Raster drawer the DVD/Blu-Ray holder is to be fitted.								
		8320	8321	8322	83		8324	8325	8326
			17.6 cm wid	de			35	i.2 cm wide	
	<b>Cutlery box</b> of metal, lined with grey fabric inside; incl. compartments								
			855					856	
		Set 1: for star	idard cutlery like sp	oons, forks, knives,	etc.	Se	<b>t 2:</b> for sauce ladles	s, cake forks, cake s	servers, etc.
	<b>Cutlery holder</b> lined with grey fabric, for fitting in drawers								
	Set 1: for 60 pieces of cutlery Set 2: for 17 serving utensils		110					117	
			116 -					117 -	

### **Fitted shelves**

for 34.8 cm front width	for wall units type 10311, 10312
134	144

### Accessories for units

### Lamps

This luminaire contains built-in LED lamps of the energy classes A++ to A. The lamps cannot be changed in the luminaire. 12 V		LED lamps incl. footswitch. A remote control unit is possible for operation (against a surcharge).		
	<b>Integrated LED spotlamp</b> Ø 7.1 cm; for fitting in units Later fitting is not possible.		2.9 W <b>7941</b>	
1 under glass shelves	<b>LED light panel</b> 1.9 cm thick, 3.0 cm deep; for fitting under glass shelves Later fitting is not possible.	for 35.2 cm width 2.4 W <b>325</b> -	for 52.8 cm width 3.5 W 525 -	for 70.4 cm width 5.1 W <b>825</b> -
	<b>LED frame profile lamp</b> LED lamp fitted in the frame profile of intermediate and top bookshelves Later fitting is not possible.	for intermediate bookshelf type 2700 6.8 W 725	for intermediate bookshelf type 4700 and top bookshelf type 4710 13.5 W	for top bookshelf type 6710

### Radio remote control with change of colour temperature

The lamps are normally operated by an external foot switch. The colour temperature of the LED lamps is cold white if a foot switch is used. A 4-channel radio remote control is also available as an alternative, which is charged extra. Several lamps can be operated with each of the 4 channels. All 4 channels can be dimmed separately at the push of a button. The colour temperature of all 4 channels can be set to any level from cold white (approx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to switch all channels on and off simultaneously with the "all on" or "all off" buttons. The radio remote control consists of one transmitter and one receiver. If several receivers are required because of the arrangement of the units, these and the corresponding cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote control is used.

hülsta A	

2119

### DINING Dining tables and chairs

#### DINING

hülsta offers a room concept to meet all requirements in comfort, beauty of form and attractiveness with a comprehensive collection of dining room tables and chairs.

The **dining tables** in a wide variety of sizes (with and without pullout function) in all wood surface versions and in contemporary designs, as well as the **dining chairs** that can be combined individually using different armrests, comfort features, high-grade cover fabrics (leather, textiles) and metal surfaces can all be found in the "**DINING**" type list.

### **Coffee tables CT 210**

#### **Coffee tables CT 210**

Soft curves characterise the classic yet extravagant design of the CT 210 coffee table: The solid table top is tapered towards the edge, instead of hard angles you will find soft transitions, providing a beautiful look and feel. With its solid quality, elegant materials, timeless design and convincing functionality, the CT 210 perfectly fits into any home.

You will find the CT 210 coffee table as well as other coffee tables in the "Coffee tables" type list.

### **Coffee tables**

#### **Coffee tables**

hülsta offers a comprehensive **collection of coffee tables**, which not only match the hülsta furniture ranges perfectly but can also be combined with other products that are available on the market. You will find these coffee tables in a number of designs, sizes and versions in the **"Coffee tables"** type list.









### PERSIS

Special-sized products are possible on request. Please get in touch with your customer advisor.

### **Special articles**

#### Cover panels

for side and top panelling of fitted wardrobes (support construction and fitting materials must be acquired on site).

Basic price per order	9901	-
<ul> <li>price per m<sup>2</sup> lacquer or veneer</li> </ul>	990	-
Veneer match with fronts can not be guaranteed.		

#### Individual special-sized products

If the special-sized product that you require is so unusual that it cannot be illustrated with the many special sized products that we already provide and charge for, then we will quote you the price using a 33 unit type factor. In your order please state for us the relevant enquiry number and the 33 unit type factor stated.

33 -

#### Special colours; Note on "Blue Angel" / Emissions label of DGM

#### **Special colours**

All the hülsta lacquer colours are possible for nearly all the hülsta ranges. Availability and prices on request.

#### Note on "Blue Angel" (RAL-UZ 38) and Emissions label of DGM (Class A)

It is possible that the requirements of the "Blue Angel" and the DGM Emissions Label cannot be met by some of the lacquer colours in price groups III and IV (see here the different lacquer versions in the NEO range), depending on the colour mix (surface ratio of these colours in the corresponding order). However, the legal requirements are definitely met in all cases!

### Switch options for lamps: Radio remote control with change of colour temperature

### Radio remote control with change of colour temperature

The lamps are normally operated by an external foot switch. The colour temperature of the LE also available as an alternative, which is charged extra. Several lamps can be operated with e button. The colour temperature of all 4 channels can be set to any level from cold white (approx kelvin). If warm white is required, a radio remote control must be ordered. It is also possible to The radio remote control consists of one transmitter and one receiver. If several receivers are cables are provided ex-works (no surcharge). The foot switch is omitted when the radio remote	ach of the 4 channels. All 4 channels can be dimmed separately at the push of a bx. 6500 kelvin = the basic setting of the LED lamps) to warm white (approx. 2700 witch all channels on and off simultaneously with the "all on" or "all off" buttons. required because of the arrangement of the units, these and the corresponding
<ul> <li>The following points must be noted with the radio remote control:</li> <li>The receiver must be positioned behind a rear wall or under plinth shelves (at least 20 mm s</li> <li>The total wattage power of all lamps included per receiver must not exceed 30 W.</li> <li>4 channels = 4 light groups</li> <li>1 light group = x lights</li> <li>All lamps within a light group can be dimmed to the same brightness.</li> <li>The change of the colour temperature takes place for all lamps in all light groups.</li> <li>The radio remote control is not suitable for equipment operating on 110 V.</li> </ul>	pace required under plinth shelves).
4-channel radio remote control with change of co	lor temperature
Light colour warmer Light colour colder Channel 1 to 4 (with dimmer function) All off	4-channel radio remote control with change of color temperature
hülsta ⊷ All on	Type <b>2119</b> -

### Examples of use (schematic diagrams)

### **Example 1**

#### Lights inside a unit

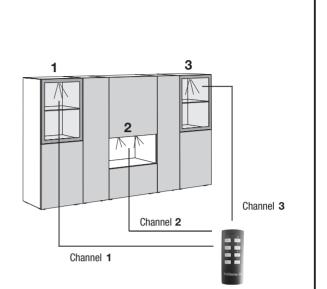
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlamp in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the LED spotlamps in the open compartment

Channel 3 operates (and dims) all the lights in light group 3, i.e. the LED spotlamp in the right cabinet

#### Notes:

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



### **Example 2**

#### Lights in units set apart

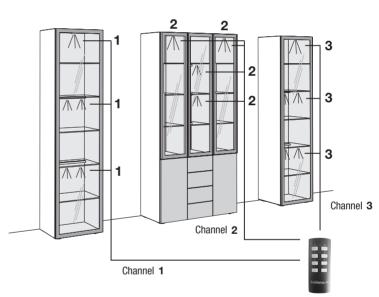
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlamp and the LED light panels in the left cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the LED spotlamps and the LED light panels in the centre cabinet

Channel 3 operates (and dims) all the lights in light group 3, i.e. the LED spotlamp and the LED light panels in the right cabinet

#### Notes:

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



### **Example 3**

#### Lights in units set apart

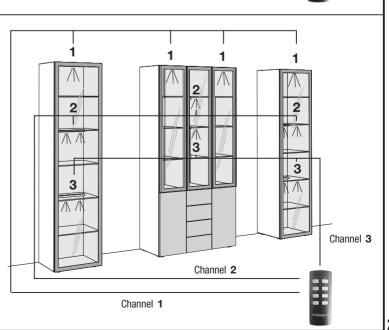
Channel 1 operates (and dims) all the lights in light group 1, i.e. the LED spotlamps in the left, centre and right cabinet

Channel 2 operates (and dims) all the lights in light group 2, i.e. the top LED light panels in the left, centre and right cabinet

Channel 3 operates (and dims) all the lights in light group 3, i.e. the bottom LED light panels in the left, centre and right cabinet

#### Notes

The total wattage power of all lamps included per receiver must not exceed 30 W. The change of the colour temperature takes place for all lamps in all light groups.



### **Important notes**

### Wall composition / assembly instruction

Important notes:

The composition of walls must be ascertained before concluding a contract and be checked by a qualified fitter before assembly takes place.

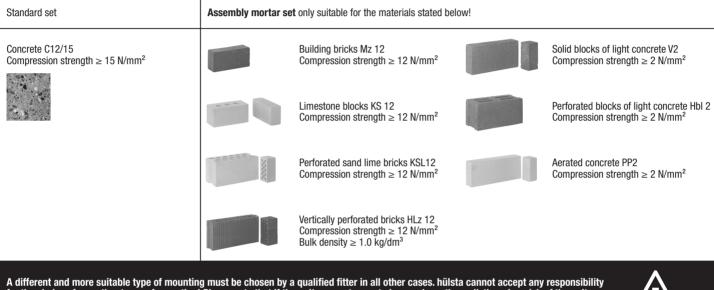
Assembly may only be carried out by a qualified fitter under careful observation of the assembly instructions.

The plastic Rawl plugs supplied by hülsta as a standard set are only suitable for concrete  $\geq$  C12/15, if the wall composition and compression strength corresponds to the table below. Under no circumstances must a unit be assembled on light masonry.

Furthermore, we provide a mounting set with assembly mortar for the types of walls listed below (see assembly mortar set below). Again, assembly must be carried out by a qualified fitter under careful observation of the wall composition and assembly instruction. The compression strength levels stated below must be met under all circumstances.

#### **Materials table**

with a description of which sets are to be used with the following types of walls:



A different and more suitable type of mounting must be chosen by a qualified fitter in all other cases. hülsta cannot accept any responsibility for the choice of any other types of mounting! Please note that if the units are not mounted properly on the wall, there is a risk of the units falling down or tipping over – especially when alternative mounting materials acquired on site have been used. Generally speaking, you as a dealer/qualified fitter are responsible for the correct wall mounting of the units.

### **Mounting sets**

Labelling in type list drawings / assembly notes for wall units

The majority of units have two wall mounting points (= number of support boards), if these are to be fitted as wall units. This is not explicitly mentioned in the type list. If a different number of wall mounting points (= support boards) is required, this is marked in the drawings in the type list with numbers in black boxes. Every support board requires four mounting screws.

3 = 3 support boards 4 = 4 support boards, etc.

One assembly mortar set is sufficient for up to a maximum of 3 support boards or 4 wall side-panels.

Important note: Depending on the composition of the wall (see wall types illustrated above), assembly must be carried out using the special assembly mortar set and a standard trade mastic tool which are the basic essentials for safe and clean workmanship.

#### Standard set

The standard set consists of 4 plastic Rawl plugs and 4 mounting screws and is sufficient for 1 support board. The standard sets are included in the packet of fittings to match the number of support boards.

### Assembly mortar set for up to a maximum of 3 support boards consisting of:

- 9x injection retaining sleeve
- 9x screw-in sleeve
- 1x injection cartridge 2x static mixer
- 1x assembly instructions

Please use the mounting screws from the standard set (supplied free of charge).

#### Example of order:

- Add up number of support boards for all existing unit types
- Divide the sum by "3"
- Round up the result to a full number
- = Number of assembly mortar sets required

#### Your Hotline to hülsta

Do you have any questions or require any alterations to your order confirmation? Do you have any questions on our products or your current order? Do you have any complaints about supplied goods or required replacement parts? Contact Telephone: +49 (0) 2563 / 86-1627 • email: orders@huelsta.com

Do you have any questions, suggestions or wishes for the hülsta product seminars? Contact Telephone: +49 (0) 2563 / 86-1493 • email: seminare@huelsta.com

#### hülsta Planning Service

Your furn plan planning is so complex that you need our support? We have created the hülsta Planning Service for this kind of situation. hülsta employees will check your planning as quickly as possible. The customer gets a planning that will inspire him!

hülsta Planning Service

Tel.: +49 (0) 2563 / 86-1060 Fax: +49 (0) 2563 / 86-1000 Mail: Planungsservice-Handel@huelsta.com Mondays to fridays from 9.00 a.m. until 5.00 p.m.

#### Special wishes? Come to us!

Maximum individuality! – Maximal flexibility! – hülsta makes most of your special wishes possible. And if you do have a wish which is not quite so easy to implement, just give us a call or send us a mail or a fax. We have our own hülsta "Special Wishes Team" who are there to help you realise just these customer requests. These colleagues are professionals when it comes to special products. They plan and calculate the products possible for you and even develop an alternative suggestion if the idea should turn out to be technically impossible.

#### Here is an overview of the hülsta range of special wishes:

- A lot of special products can be ordered simply via the type list
- Special-sized products are planned simply and professionally
- Competent colleagues advise you by phone, by fax and by mail
   You will be sent alternative suggestions if the idea is technically important.
- You will be sent alternative suggestions if the idea is technically impossible
- Many special-sized products are available without a surcharge
- Specially qualified carpenters and technicians implement your plans perfectly

#### **hülsta Special Wishes Team** Tel.: +49 (0) 2563 / 86-1060 Fax: +49 (0) 2563 / 86-1000

Mail: Sonderwunsch@huelsta.com

We are open Saturdays for you, too!

Our Saturday hotline is available from 10.00 a.m. until 5.00 p.m.

Telephone: +49 (0) 2563 / 86-1800

The hülsta Sales Department is available mondays to fridays from 9.00 a.m. until 5.00 p.m.

#### hülsta PERSIS

#### Stand: E 1.2021

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