

QUALITY PASSPORT

**Guarantee information
and interesting facts
regarding products
and maintenance.**



**Secure your
guarantee now:
Register your
purchase at**

www.huelsta.com/en/guarantee



“Many values may be brought into question, but the value of a beautifully furnished home with its positive impact on life remains undisputed.”

Karl Hüls, founder of hülsta

02	Karl Hüls
06	Living with values
08	The hülsta quality guarantee
14	Add-on purchase service
16	Made in Germany
18	Sustainability
20	Awards
22	Materials and care instructions
24	Veneers
26	Solid woods
28	Solid woods, oiled
30	Board materials
32	Lacquers
34	High-gloss
36	Fenix NTM®
38	Metals
40	Glass - mirrors
42	Corian®
46	Ceramic - vanity units
48	Ceramic - natural stone
50	Fittings
52	Electronics and lighting
54	Drain and overflow systems
56	Upholstery
58	Cover fabrics
66	Leather

Living with values.

Living with hülsta. Thank you for choosing hülsta* furniture. You design your living environment with special furniture that is individually made for you and perfectly expresses your personality and style.

Each piece of hülsta furniture is manufactured especially for you – in accordance with strict quality criteria, the highest standards of craftsmanship and to suit your personal requirements. Natural materials differ as each log has its own colour spectrum and its own unmistakable graining. Your hülsta furniture is therefore unique, as nature does not repeat itself.

Whether hülsta, now! by hülsta, hülsta bathroom or hülsta solid – the name hülsta stands for furniture that has been made to last a lifetime. This brochure not only provides more details regarding the high-quality materials, but it also offers practical care tips that will help you to maintain the beauty of your furniture.

*The name “hülsta” in this brochure always stands for all products and brands from hülsta and now! by hülsta.

Your 5-year guarantee

We offer a premium service for our furniture. Secure exclusive advantages such as the 5-year guarantee. The process is very simple:

Simply register – as soon as possible – your purchase at hülsta with the guarantee number, which you will find at the back of this brochure in order to secure your 5-year guarantee.

The following pages provide more details regarding the warranty and our guarantee. As a hülsta customer you benefit from further advantages: we will support you in the event of any questions or requests regarding your furniture – without a time limit.

Enjoy your new furniture.





You can rely on that. Guaranteed!

Meticulous manufacturing and quality checks ensure that each piece of hülsta and now! by hülsta furniture leaves us in perfect condition. We can therefore largely exclude any deficiencies and faults. Nevertheless, should you encounter a problem, then we offer extensive guarantees and individual services in order to rectify faults that can be repaired. hülsta customers benefit from extra security beyond the legal requirements.

Our guarantee does not affect your rights derived from the purchase contract with the vendor (retailer). Should the goods not have been faultless upon delivery, you are entitled to enforce your warranty rights – irrespective of whether or not a guarantee case materialises.

As a private customer, you will receive a guarantee for new furniture products from the hülsta and now! by hülsta brands. The hülsta guarantee is personalised and is therefore not transferable.

By registering as a new customer within 6 months after your purchase, the hülsta guarantee will be activated.

The guarantee period runs from the invoice date. Guarantee services provided do not result in an extension or restart of the guarantee period.

Simply register at www.huelsta.com/en/guarantee. You can also register by phone on +49 (0) 2563 86-1273. In addition to your personal data, we also require the 8-digit guarantee number, which can be found on the reverse side of this brochure,

Upon registering, you first receive a confirmation of entry (by email). After verification of the order data you will receive a letter confirming the registration of your 5-year guarantee.

Scope of the guarantee

We guarantee that hülsta products have been manufactured to be in perfect condition in accordance with the evaluation criteria of the Deutsche Gütegemeinschaft Möbel (DGM = German Quality Association for Furniture) and, in addition, in-house criteria that go beyond the legal requirements. The hülsta guarantee also applies to upholstery, to the functionality of technical parts and the surface quality of the supplied products.

For electronic components that are purchased as part of hülsta furniture, we give a 2-year guarantee and thus more security for you. Lighting including ballasts, LED lights, light controls with system accessories as well as remote controls and drives are included. hülsta gives special guarantees for sleeping systems, base frames, mattresses and Boxspring beds. Detailed information is provided with these products.

Product groups	2 years	5 years
hülsta modular units		X
now! by hülsta modular units		X
hülsta solid modular units		X
Hallway units		X
Bathroom units		X
Chairs	X	
Tables, coffee tables	X	
Upholstered furniture	X	
Vanity units	X	
Drain and overflow systems	X	
Sanitary accessories	X	

Services in the case of a guarantee claim

In case of a complaint, please contact the retailer from whom you purchased the product. They will help you to contact us in writing. You will require:

- a copy of your purchase contract or invoice
- your guarantee number
- a detailed description of the type of fault and when it occurred
- at least 3 close-up photos taken from different perspectives
- Photo of the entire combination (distance 2-3 m)
- close-up photo of the affected component (distance 0.5-1)
- a close-up of the fault using a reference object, such as a coin.

Your retailer will probably inspect the fault themselves and – if possible – rectify it too. As soon as we have been informed about the result, we will decide whether this is a guarantee claim and will work on a solution. Affected furniture parts will be replaced or repaired by us within an appropriate time frame. The decision regarding exchange or repair is taken by us.

We will find an equivalent alternative; in case a direct replacement of the original item is no longer available. This can be the case with a range change, a technical modification or a delivery stop for a type of wood or finish.

For justified complaints due to faulty cover materials and in addition to the legal regulations, we offer a progressive guarantee:

1. and 2. year*: new cover free of charge for the customer
3. year*: new cover with customer participating in cost: 50 % of the furniture price
4. year*: new cover with customer participating in cost: 60 % of the furniture price
5. year*: new cover with customer participating in cost: 70 % of the furniture price

* calculated using the invoice date

Please note: We cannot accept any guarantee for changes to the texture of the fabric due to improper care, "impregnation" or similar processes. Any necessary repair costs are excluded from the guarantee.

Excluded from the guarantee:

- bad sales advice
- ex-showroom pieces
- product features typical of the goods and materials, which do not represent a material defect
- exchangeable consumables (rechargeable batteries, batteries, lights, chair sliders, etc.)
- cover materials provided by the customer
- defects resulting from wear and tear
- stains (e.g. perspiration, body and hair care, discolouring due to other textiles)
- discolouring due to medication substances (toxic reaction)
- changes due to acid, solvent and alcoholic substances
- unsuitable or incorrect cleaning, repair or rectification attempts
- defects and stains due to domestic pets, heat sources, weather conditions
- improper use or faults due to sharp, pointed objects or hot liquids and care products
- greying especially in the case of oiled surfaces due to lack of care
- natural, age-related colour changes of the surfaces as well as extreme environmental influences such as dryness, moisture, temperature and light
- defects as a result of swelling, limescale deposits etc. and mould formation e.g. in newbuilds or bathrooms due to moisture, condensation or lack of ventilation
- warping, bleaching, cracking etc. in the case of solid wood
- defects due to commercial, non-domestic or improper use or overloading of furniture
- use-related warping within the tolerance of DIN 68874 does not represent a fault
- defects due to changes resulting from unprofessional assembly, repairs by unqualified individuals, transport damage, damage due to dropping or external forces
- defects due to improper assembly especially due to lack of horizontal or vertical adjustment of the furniture
- accidental damage, wilful damage, incorrect use or overload
- secondary health damage due to wrong settings, use, faulty wall fittings or non-fitted tilt protections
- compensation for damages and expenditure, reduction or reverse transaction
- assembly and disassembly cost

Different usage of individual seat surfaces will have a long-term effect on the seat firmness and the look. Noticeable seat firmness differences therefore may occur (favourite seat). The resulting permanent strain compression of the upholstery materials within the standard tolerances is therefore not a reason for complaint.

The hülsta guarantee justifies no further claims for rectification, reduction of the purchase price or compensation. Any additional cost such as for assembly and disassembly, any necessary replacement and repair materials are not borne by us. A guarantee intervention does not extend the guarantee period, either for the furniture or the replaced or repaired component. The same conditions apply in cases of goodwill.

What is the assessment process for complaints?

Complaints are assessed by visual inspection. In order to guarantee the comparability of assessments, regulations for visual inspections (DGM quality and test regulations for cupboard units RAL-GZ 430) must be applied.

The assessment of the balanced overall impression is carried out from a distance of approx. 2 to 3 m. The assessment of details is made from a distance of approx. 0,7 m. The assessment is carried out with normal-sight eyes with diffuse daylight (without direct sunlight or artificial light). Surfaces, which are invisible with normal use, secondary furniture parts or irregularities, which are only visible in certain light conditions, are subject to less stringent assessment criteria.

Please note that for individual pieces that you acquire at a later date, colour consistency with existing furniture cannot be guaranteed despite utmost care during material selection. Details regarding the assessment of functional complaints and properties that are typical of the use and product can be found on the following pages.



The hülsta add-on purchase service

Your satisfaction is a top priority for us at hülsta. We are therefore here to support you beyond the guarantee – especially by providing an add-on purchase service.

This service applies to the furniture registered with us and includes important advantages. We have access to all data regarding the manufacture of your furniture and can offer individual solutions for your requests. You also benefit from the timely information in the event of a discontinuation of your range. This leaves you plenty of time to decide upon a possible add-on purchase for your existing combination.

This service is available to everyone who registers with an email address. Sending the information by post is unfortunately not possible.

If you wish to be informed regarding any news from hülsta on a regular basis, please register for the newsletter on our website (see www.huelsta.com/en/newsletter). For the storage and use of your personal data, we of course respect all legal data protection regulations.



Home is where the heart is.

hülsta furniture has been manufactured in Germany's Münsterland region for more than 75 years. This site provides us with expertise and long experience.

We master traditional craftsmanship techniques; solid woods and veneers are combined with utmost care in order to ensure a balanced and always unique look.

Such details in terms of processing and manufacture make the important difference offered by hülsta furniture. They are also the reason why we remain as faithful to this location as we are to our high quality standards. Quality for us is closely linked to confidence. Confidence in the "Made in Germany" and in the hülsta brand.



Gentle treatment of nature's values

Everything at hülsta starts with nature. Genuine wood is our most important material used to create comfortable furniture and it is stunningly beautiful.

The materials for hülsta furniture are exclusively selected by experienced experts in accordance with strict criteria. All of the veneers and solid woods come from sustainable sources. hülsta does not use any tropical woods, thus avoiding long transport distances and helping to save the rainforests.

This respect for nature is reflected in our manufacturing processes. We exclusively use environmentally friendly lacquers and adhesives. Our strictly controlled emission values are therefore far below the legal limits. Our company is a member of the Deutsche Gütegemeinschaft Möbel (DGM) (German Quality Association for Furniture). All of our product groups carry the best DGM emission label "A". Since 1996, we are entitled to label all of the modular units and base frames with the independent "Blue Angel" seal for products with low emission levels. You therefore not only benefit from unique furniture but also from a naturally good room climate.

In the context of the fast progressing climate change worldwide and its massive impact on humans and the natural environment, the Deutsche Gütegemeinschaft Möbel supports the 1.5-degree target of the UN. Since January 2016, hülsta has been a member of the "Klimapakt für die Möbelindustrie" (Climate Pact for the Furniture Industry) and can describe itself as a climate-neutral manufacturer.

Upon the basis of its direct and indirect greenhouse emissions in the areas 1, 2 and 3, hülsta had its carbon footprint determined by the climate protection initiative BEaZERO.org. All emissions are neutralised by gaining high-quality climate protection certificates annually: this is how we support the preservation of a world worth living in.

Quality and design - signed and sealed

Quality knows no compromises at hülsta. Numerous awards from independent institutes are proof of this. Hardly any other furniture manufacturer in Europe has received such a wealth of seals and certificates.



Since 1974, hülsta has been part of the Deutsche Gütegemeinschaft Möbel (DGM) (German Quality Association for Furniture). It defines standards for quality and consumer protection using strict criteria for their product tests.



Developed by a circle of experts from the DGM and leading test institutes, this seal shows the pollutant content of furniture at a glance. In line with these guidelines, the entire hülsta range is classified at the best level "A".



We at hülsta had our carbon footprint determined by the climate protection initiative BEaZERO.org and have neutralised all emissions by gaining high-quality climate protection certificates.



Since 1996, all our modular units and base frames have been awarded the "Blue Angel" for products that are low in emissions and environmentally friendly. This award is also given in line with strict criteria.



GS stands for proven safety and certifies that the respective hülsta products are tested on a regular basis and that they comply with all of the respective technical safety requirements.



The Interior Innovation Award is seen as one of the most prestigious design awards within the interior design sector. It was awarded by the "Rat für Formgebung" (German Design Council) and the imm cologne to hülsta for the living room ranges MADERA and CUELLO.



reddot award 2017 winner

In 2017, our dining table T 70 won the Red Dot Award for product design.



reddot award 2019 winner

In 2019, the hülsta solid cross-leg table also received the "Red Dot Award Product Design Winner". The international award jury was particularly impressed by the degree of design innovation, the functionality and ergonomics.



In December 2018, hülsta joined the alliance for development and climate, founded in autumn and consisting of strong, non-governmental organisations, which promote both development and climate friendly management. With over 200 partners, we want to contribute to climate protection by avoiding, reducing and compensating for CO₂.

Materials and care instructions

hülsta furniture stands for high quality and individuality. The selection of materials and elaborate finishing techniques ensure that the furniture easily stands up to everyday life. If you follow these tips, you will be able to enjoy your furniture for years to come.

Generally, it should be taken into account that the materials used may be damaged under the influence of heat, moisture and liquids. New buildings or highly insulated flats that are not sufficiently aired often result in extreme humidity, which may result in moisture damage and mould. If furniture is placed too close to walls, thus limiting the air circulation, the same risks may occur.

Generally, it is recommended to avoid drinks, food, perspiration, body or hair care soaking in. Chemical products, impregnating and cleaning agents that we do not recommend on the following pages can damage the materials. Test the cleaning agent first on a non-visible area (this is especially important for leather and cover fabrics). Non-colourfast textiles (e.g. jeans) can stain and damage the furniture. Regular cleaning and care help to avoid this. Do not apply excessive pressure in order to avoid creating shiny patches. Please note the instructions of care provided by the manufacturer of care agents and materials.

New furniture gives off a typical new-furniture-smell for a certain period. This smell is harmless and depending upon the material disappears within the first few weeks. As our furniture is subject to the strict criteria imposed by the Deutsche Gütegemeinschaft Möbel e.V. (German Quality Association for Furniture) and the "Blue Angel", it is guaranteed that the furniture is physiologically harmless according to today's knowledge,

Sharp, sharp-edged or rough, hot and damp items, but also Velcro, zips and sharp items of clothing and accessories can often damage the material. Pets are best kept away from furniture. Do not use any micro fibre cloths that remove some of the material. If in doubt, use chamois leather or cotton cloths.

Ensure that your bathroom is sufficiently aired and dried, especially after showering or taking a bath. Permanently moist walls may result in mildew, mould stains and/or material damage. Avoid constant contact with water. Standing or overflowing water on the surface of the bathroom furniture and the vanity unit must be removed immediately.

Protect your high-quality furniture and ceramic surfaces as well as mirrors and glass surfaces from extreme light exposure as well as heavy, sharp-edged, abrasive, hot, corrosive and acidic objects. Unsightly colour changes, pressure marks or scratches will be the result. Slight colour changes over the years are unavoidable with all materials.



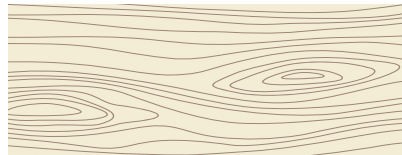
Uniquely natural

Veneer is a natural product. Wooden surfaces create a comfortable atmosphere. The warm, natural feel of veneered surfaces is a world apart from other types of surfaces that are nothing but images of wood graining. Veneer is no imitation. It is genuine wood and therefore unique.

Genuine wood veneers show patterns of light and dark colours and individual structures. In vertical or horizontal direction*. The veneer reflects the incoming light unevenly and can lead to noticeable colour differences. This effect is used by our designers as a design feature. The visual differences of the veneer sheets and characteristics such as knots or swirls are product-typical features and a sign of genuine wood. As natural growth features are not subject to any standards, there are no standard guidelines for veneers. hülsta therefore ensures the quality level with strict selection criteria for the veneers that have been used.



Upright direction



Transverse direction



CARE

Regular maintenance

Use a slightly damp, soft and lint-free cloth for regular dust removal. Always clean in the direction of the grain.

More persistent stains

Dirt and grease stains can best be removed using lukewarm water with a splash JEMAKO® power cleaner* and a soft, lint-free cotton cloth. We recommend using a damp cloth and treating the entire surface without applying minimal pressure. Afterwards, wipe dry. Water, ink, fruit and felt tip pen stains must be removed immediately, as they will otherwise penetrate the surface. For this reason, it is also important to avoid intensive ink penetration (e.g. by ballpoint pen or stamping ink).

Exposure to light

Sunlight, daylight and artificial lighting have an impact on the condition of wooden surfaces. The resulting colour changes (darker or lighter) have no impact on the functionality and durability of the wood and therefore do not represent a fault. Over time, the effect diminishes. It is therefore advisable to move decorative objects on a regular basis. This allows the natural changes of the wood to even out over the entire surface, thus avoiding light and dark patches.

Heat marks

Intense heat can lead to changes on the surface. Therefore use coasters underneath containers with hot contents on veneered surfaces.

Liquids

Dab off spilt liquids, acidic fruit juices and alcoholic drinks immediately. Always use coasters, especially in the case of chilled drinks, otherwise humidity can easily penetrate the surface. The pores of open-pored wooden surfaces (such as oak or walnut) are only partly filled with lacquer and are therefore particularly susceptible to moisture penetration. Further tips can be found in the chapter "Materials and care" and explanations regarding the room climate are given in the chapter "Solid woods".

* The products can be purchased from a JEMAKO® retail partner, who will also give detailed instructions on how to use the product. Your JEMAKO® retail partner can be found at: www.jemako.com.

Individualists on the move

Solid woods are individualists. Each tree is different with regard to graining, colour shade and structure. Unique features such as knots give each tree its distinctive look. This individuality makes each piece of solid wood hülsta furniture unique and allows it to reflect the incredible versatility of nature.

Strict guidelines for the selection of hülsta solid woods, sensitive design and master craftsmanship allow the transformation of a naturally grown material into a perfectly balanced piece of furniture whilst retaining the natural character of the wood. When creating beautifully designed and long-lasting furniture, the highly skilled and experienced hülsta staff certainly rises to the challenge of the different properties of the various types of wood.

Wood is a warm, living material, whose natural characteristic to absorb and release moisture has a balancing effect on the room climate. Dry air is unhealthy for you and your solid wood furniture. Medicine and science therefore recommend a room temperature of 19°C to 22°C and a relative humidity of 45 % to 55 %. The humidity of the wood resulting from this room climate therefore lies between 7 % and 9 %. As long as the air humidity and therefore the humidity of the wood are within this range, the solid wood will hardly shrink or swell.

Designs that are suitable for solid wood ensure that the furniture can compensate for the air humidity and the associated shrinking and swelling. However, strong variations from the recommended room climate over a long period will lead to cracks and warping. Improve dry heated air in winter by targeted evaporation of water. In summer, regular airing ensures a healthy living climate.

Solid wood is pure nature. The respectful use of the precious raw materials has always been second nature to hülsta. All of the woods used by hülsta come exclusively from sustainable sources.

CARE

Regular care for solid, lacquered surfaces

Use a soft, lint-free cloth for regular dust removal. Surfaces with closed pores (maple, beech for instance) can be cleaned with luke-warm water with a splash of a mild cleaner. Open-pored surfaces (oak, walnut for instance) should only be treated with a slightly damp cloth. After cleaning, dry your solid wood surfaces with a soft cloth.

Regular care for solid, oiled surfaces

Oiled surfaces require special care, the respective care instructions can be found in the category "solid woods, oiled".

More persistent stains

Dirt and grease stains can best be removed using lukewarm water with a splash JEMAKO® power cleaner* and a soft, lint-free cotton cloth. We recommend using a damp cloth and treating the entire surface without applying minimal pressure. Afterwards, wipe dry. Water, ink, fruit and felt tip pen stains must be removed immediately, as they will otherwise penetrate the surface. For this reason, it is also important to avoid intensive ink penetration (e.g. by ballpoint pen or stamping ink).

Exposure to light

All solid wood types are natural products and therefore react to exposure to light. Particularly in the first couple of months, it is therefore advisable to move decorative objects on a regular basis. This allows the natural changes of the wood to even out over the entire surface, thus avoiding light and dark patches. When you live with the furniture and do not compare it with any new units, it is hardly noticeable as the colour of the wood changes evenly. These colour changes of the wood are unavoidable even with the yellowing-resistant lacquering systems used by hülsta and are a characteristic feature of genuine wood furniture. They therefore do not represent a fault.

Room climate

Temperatures between 19°C and 22°C as well as an air humidity of 45 % to 55 % offer a perfect room climate for your solid wood furniture. Values that differ substantially from these are not beneficial for people either and can damage the furniture.

Liquids

The respective information can be found on the previous page about the care of veneers.

* The products can be purchased from a JEMAKO® retail partner, who will also give detailed instructions on how to use the product. Your JEMAKO® retail partner can be found at: www.jemako.com.



CARE

Regular care for oiled surfaces

Oil-treated surfaces are natural and are more care-intensive than lacquered surfaces. This treatment ensures that the natural wood remains open-pored, thus allowing it to absorb moisture more easily and to release it back into the room atmosphere, thereby contributing to a healthier room climate.

In order to preserve these valuable properties, please use the hülsta solid care set, which can be ordered at www.service.huelsta.com/en.

Only use it once or twice a year to refresh the wood before or after the period of using heating. The oil must be applied thinly and economically and left for a maximum of 10 minutes before wiping it with a fleece cloth in order to ensure that the wood surfaces do not become sticky.

Special tips

Chemical or acidic cleaning agents, liquids and materials (softeners, plastic tablecloths, metals) can damage or discolour the wooden surface and must therefore be removed immediately. Care should be taken to ensure that the surfaces are not exposed to constant moisture or steam moisture. Please ensure that all oil-soaked cloths or cleaning pads are soaked in water and disposed of after use. SELF IGNITION RISK! See note on bottle.

For daily cleaning, e.g. removal of crumbs or food leftovers, simply use a dry or slightly moist cotton cloth depending upon the degree of dirt. Always wipe the surfaces dry immediately. Do not use any micro fibre cloths, grease-solvent domestic cleaning agents or steam cleaners.

To begin with, new products tend to have a so-called "new-product smell". We recommend regularly airing the room. Natural materials such as wood and also genuine leather always keep a certain inherent odour.

Especially newbuilds often have an extremely high floor and wall humidity that will only disappear after several months. The North side of buildings is particularly affected. 90% building moisture and a humidity of 60% when moving in are not uncommon. Please ensure that wall-mounted furniture is only fitted once walls and floors have properly dried out.

Freestanding furniture must be placed at a sufficient distance from the wall in order to ensure adequate ventilation at the rear. Otherwise, moisture damage (warping, swelling) or mould formation may occur. Frequent airing of the rooms is necessary in order to achieve the perfect humidity for solid wood furniture between 45% and 55% with a room temperature of 19°C to 22°C.

Endless possibilities

The use of board materials leaves endless scope for creativity in furniture design. Chipboard, fibreboard and glued solid wood boards not only offer a wide choice of shapes, heights and surfaces but also provide the furniture with the required stability and strength. As with all materials, hülsta only purchases board materials of the highest quality. The difference shows, even after decades.

Depending upon the area of application, hülsta uses different board materials as base material. Each type has specific advantages that are due to the different processing methods of the raw material wood.

Base materials differ in stability and flexibility as well as in terms of individual possibilities of edge processing and are thus indispensable for furniture production. It is essential to only use high-quality materials. In 1984, hülsta was one of the first furniture manufacturers to exclusively use E1 wood material boards, i.e. with minimal emission values. hülsta furniture has therefore been awarded the environment seal "Blue Angel" at a very early stage.



BOARD MATERIALS

Chipboards

Chipboard is manufactured from wood particles, mixed with different resins, and subsequently pressed under the influence of heat into form-stable boards.

Medium-density fibreboards (MDF boards)

These offer all of the advantages of solid wood with considerable reduced reactions to changes in temperature and humidity. The wood is split into fibres and formed into boards. Their even structure allows profiling and lacquering on the edges without additional coating.

High-density fibreboards (HDF boards)

For the production of HDF boards, the wood is split into fibres and pressed into boards using a dry process. The density is higher than in MDF boards. This allows the production of lower material thicknesses whilst maintaining high stability. Mainly used for bentwood parts.

Plywood

Plywood is manufactured by rotary cut veneer of thin softwood and hardwood veneers. A minimum of three layers is required. Plywood is a highly flexible material that is highly resistant even when cut into thin cross sections.

5-layer-board

Two veneer layers are applied onto a wooden core on both sides in such a way, that the direction of the grain changes with each layer. This reduces the "working" of the wood and retains the solid wood look.

Chipboard covered blockboard

A chipboard covered blockboard consists of 3 layers, two thin outer chipboard layers and a middle blockboard layer. This board material is used when high flexibility and good surface quality are required.

Versatile and compatible

Lacquering of objects is an ancient art form. More than 2,500 years ago, lacquering artists in China used the sap of the Japanese lacquer tree to conserve or embellish objects. Although the primary products and properties of lacquers have changed over time, lacquers are still a versatile medium to make surfaces more resistant and increase the choice of designs.

Lacquer guarantees lastingly beautiful objects. hülsta exclusively uses lacquer materials that offer perfect usability whilst being highly environment-friendly. Two types of lacquer, both acrylic resin based, comply with these requirements. Both the two-component-polyurethane lacquers as well as the UV-lacquers, which harden when exposed to ultraviolet light, are characterised by high usability properties. Compared to standard lacquers, they offer a considerably higher scratch resistance, are resistant to light and reasonably unaffected by household chemicals.

Every hülsta lacquered surface complies with the strict legal requirements for the safety of toys and is resistant to saliva and perspiration. Approximately 90 percent of the furniture surfaces are provided with UV-lacquers, which are completely solvent-free. The remaining surfaces are refined with low-solvent polyurethane lacquers. All of the emission values are far below the legal requirements.



CARE

Regular care

hülsta lacquered surfaces are very easy to care for and do not require specific maintenance. Dust can easily be removed using a feather duster. Alternatively, a slightly damp cloth can be used for closed-pored wood surfaces.

Never use substances that leave traces (waxes or oils for instance) which yellow or leave resin. Do not use any abrasive substances (for instance aggressive cleaners, scouring powder or solvents) either. Open-pored surfaces such as oak might roughen when exposed to dampness.

More persistent stains

Remove spilt liquids immediately with an absorbent, moistened cloth, as this facilitates cleaning. Coffee and tea stains are best removed by applying an undiluted mild cleaner directly to a damp cloth. Only apply little pressure whilst cleaning and wiping.

Most cosmetic products such as creams, perm and colouring liquids, hairspray, nail varnishes, oils (greases) etc. contain very aggressive substances that may change the surface. These aggressive liquids must be wiped off and immediately and subsequently rinsed with clean water.

Ink, fruit and felt tip pen stains, tea, coffee, red wine and mustard should not be left on the surface and must be removed immediately. Intensive exposure to ink (for instance ball point pen ink and stamp ink) must be avoided at all cost.

Heat marks

Intense heat can lead to changes on the surface. Therefore use coasters underneath containers with hot contents on veneered surfaces.

Liquids

Dab off spilt liquids, acidic fruit juices and alcoholic drinks immediately. Always use coasters, especially in the case of chilled drinks, otherwise humidity can easily penetrate the surface and lead to moisture damage.

Deep brilliance

High-gloss surfaces provide an exciting visual impact in any room. They beautifully reflect their surroundings in subtle tones and give an incredible sense of scale to the room. Their even surfaces radiate tranquillity and a hint of magic, leaving plenty of scope for your imagination.

Only highly elaborate processes can produce high-gloss surfaces for furniture that will completely transform any room. Many individual steps, some of them being manual processes, are required to – layer by layer – build a surface, which is immaculately shiny yet suitable for everyday use.

hülsta offers furniture whose high-gloss surfaces are carefully manufactured using different processes. This allows us to achieve above-average quality standards whilst also making a valuable contribution to sustainability and the reduction of emissions into the environment.

Modern high-gloss surfaces are not only beautiful but also durable and easy to care for. Due to the manufacturing process, small irregularities, minimal indentations or elevations may occur, which however do not impair the overall look and do not represent a fault. More information can be found in the chapter „The hülsta quality guarantee“ in the paragraph „What is the assessment process for complaints“.



CARE

Regular care

Always use a damp cloth to wipe high-gloss surfaces and do not apply too much pressure during the cleaning process. Dry dusters may cause scratches. Conventional micro fibre cloths are also unsuitable due to their sharp fibres and can matt the surface with fine scratches. We therefore recommend the Dustar®-Cleaner cloth from JEMAKO® in combination with the Dustar®-Cleaner*.

In order to ensure perfect care of your high-gloss surfaces, hülsta has developed the Ultra-Gloss care product. Ultra-Gloss seals the surfaces with an additional protective layer and makes them even more resistant. Ultra-Gloss is ecologically harmless and can even be used for surfaces in the kitchen. Ultra-Gloss can be ordered directly at www.service.huelsta.com/en.

Do not use furniture polishes (waxes, oils) as these leave a greasy film on the surface and reduce brilliance. Should the surface over time have lost some of its brilliance, we recommend using Ultra-Gloss. This might be the case after 12 months.

Removal of dirt and stains

Single stains, more persistent stains and greasy fingerprints can generally be easily removed using the Dustar®-Cleaner from JEMAKO® in combination with the Dustar®-Cleaner cloth*. Do not apply pressure during cleaning and dry-wiping. This is how to maintain the fascinating brilliance of the surfaces.

Please note that abrasive cleaning products such as aggressive (e.g. alcohol-containing) products, solvents (thinner), polishes or scouring agents can lead to irreversible damage of your high-gloss surfaces. Please do not use them in order to maintain your high-gloss furniture. Please note the tips regarding more persistent staining, heat rings and liquids in the chapter “Lacquers”.

* The products can be purchased from a JEMAKO® retail partner, who will also give detailed instructions on how to use the product. Your JEMAKO® retail partner can be found at: www.jemako.com.

smart - a memory material

FENIX NTM® is an innovative and extremely matt Nanotech material used for interior design, which combines a sophisticated look with future-oriented, technological performance. It can be used vertically and horizontally. This decorative surface is finished with a special Nano technology in combination with a special manufacturing process - electron-beam hardening.

FENIX NTM® is characterised by a very low light reflection, which makes it extremely matt and gives the surface a soft, velvety touch. The use of Nano technology ensures that fingerprints are not visible. Furthermore, FENIX NTM® is scratch, abrasion and rub as well as dry heat resistant. It is also resistant to acidic and domestic cleaning agents. It has antibacterial properties, making its surface hygienic and easy to clean. It is also water repellent and resistant to mould.

FENIX NTM® is also resistant to heat (max. 120 °C for 30 seconds). Possible micro scratches on the surface can be repaired with the help of heat. The surface of the material consists of the dense net of crossed polymers with their own memory which is reactivated with heat. This is one of the most innovative properties of FENIX NTM®. If the structure of the material is not damaged irreparably, the thermal repair of micro scratches can be done as often as required. Small abrasion points can also be removed immediately or after 24 hours with a rubber eraser.

Repair instructions using an iron



1. Superficial damage by micro scratches

2. Position a damp piece of kitchen paper onto the area with the micro scratches.

3. Position the warm iron on the area to be repaired. Do not leave the iron longer than 10 seconds on the surface.

4. Clean the repaired area with luke-warm water and a micro fibre cloth.

5. The surface should now be repaired.

CARE

Daily care and common stains

Just as every other material for interior design, the FENIX NTM® surfaces must be regularly cleaned. You do not need any special aids, only a cloth, moistened with warm water or gentle cleaning agents. Almost all domestic cleaning agents or disinfectants can be used. For common stains, it is sufficient to clean the surface with warm water and a non-abrasive cloth.

Persistent stains

Persistent stains cannot be removed with abrasive domestic cleaning agents or solvents. In the case of the residues being old and dry, use a rubber eraser or a gentle brush to remove them.

Practical examples can be found in the graphic video at www.huelsta.com/en/care-instructions/

Helpful tips for cleaning FENIX NTM® surfaces:

In order to achieve the best results when cleaning FENIX NTM®, it is important to follow these recommendations:

- Although the material is very resistant, the FENIX NTM® must never be cleaned with products that contain abrasive substances. Never use substances that leave residue (such as waxes or oils), as these may yellow and build up resin. You should also not use substances that break down the material (such as sharp liquid cleaners, scouring powder or solvents). Never use abrasive sponges or cleaning aids such as sandpaper or steel wool.
- Acids or alkaline products should be avoided as they may create stains.
- Bleaches or high-chlorine content cleaners must not be used as they can change the surface.
- Do not use wax-based furniture polish or cleaners, as these leave a sticky layer on the sealed FENIX NTM® surface, which leads to a build-up of dirt.
- Do not use metal scrapers, steel brushes or other metal tools to remove stains, colour stains, plasters or other substances.

Cool elegance in matt and high-gloss

In terms of design and function, metal plays an important part for hülsta furniture. Used for high-quality fittings you experience perfect functionality and impressive durability day after day. As a matt or high-gloss detail, metal gives your furniture an elegant accent that you can use to implement an individual mix of materials.

As with all materials that we use for hülsta furniture, we also focus on highest quality and durability for metals. We mainly use steel and aluminium, which can be perfectly shaped. This allows you to realise versatile design ideas without compromising the usability.

Steel and aluminium also provide the required stability to stand up to the demands of everyday life. All of the metal components used in hülsta furniture feature treated surfaces. Lacquering, galvanising and anodising adds a finished look and also protects against corrosion.

As metals reflect the light, they may seem to have different colour shades depending upon angle and colour of the surrounding light. Due to the production process of metals, slight streaks, small dots or unobtrusive irregularities on the surface may occur. These do not represent a fault in terms of our guarantee, because they cannot be seen when looking straight onto it from a distance of 70 cm.



CARE

Correct care for metal

Although metals such as steel and aluminium are relatively hard, they can be scratched by sharp, pointed or rough objects. Surface finishing such as lacquering, galvanising and anodising do not make them scratch-resistant either.

Do not use any objects liable to scratch or cleaning agents that contain abrasive ingredients when cleaning the surfaces. Even alcohol is too aggressive for the treated metal surfaces and can lead to damage.

Generally, a damp, soft cotton cloth is sufficient for cleaning metal components. In the event of more persistent stains, please refer to the care instructions for the special types of surfaces.

Lacquered steel surfaces

For lacquered steel surfaces, only use lukewarm water with washing up liquid or a mild cleaning agent, otherwise the surface could be damaged. Afterwards, wipe with clear water. Only use soft cotton cloths for wet cleaning and drying.

Stainless steel

To clean heavy dirt, use a special stainless steel care product according to the instructions of the manufacturer. Please note that different products for matt and high-gloss steel surfaces are available within the trade.

Chrome

In order to retain that special shine, chromed surfaces must only be cleaned with a soft cloth and thinned white spirit without applying any pressure. Finally, polish the surface with a soft cloth until it is dry.

Aluminium | Brass

A damp chamois leather is best for cleaning these surfaces. It cleans effectively and protects from scratching. Afterwards, the metal should be dried with a soft cloth.

Clever play with transparency

Clear or matt, almost invisible or lacquered in colour, transparent, stained or opaque – glass is amazingly versatile. It adds elegant accents next to wooden or lacquered surfaces. Combined with lighting, it creates a beautiful atmosphere. Because of its hardness and resistance, glass is also a wonderful material, which - due to its high stability, durability as well as its flowing shapes - provides an elegant design feature as a washbasin.

The basis for all glass surfaces is transparent float glass, which features a shiny surface. If the surface is roughened using special processes, it has a matt white effect and is called satinized. Satinizing, lacquering or foiling changes the appearance of glass. In some areas, we use glass with an uncompromising purity that is called extra-white.

Depending upon use and design we utilise:

- **Extra-white glass** with a glossy top and white or colour rear-lacquered underside
- **Extra-white glass** with satinized-matt top and white or colour rear-lacquered underside
- **Float glass** with glossy top and colour rear-lacquered underside (for instance in black)

When safety regulations require it, hülsta uses single pane safety glass (ESG), which – if broken – disintegrates into small particles without sharp edges, thus greatly reducing the risk of injury. Tiny inclusions and marks are typical features of ESG due to the manufacturing process.

hülsta uses float glass, which complies with the most stringent EU standards. Iridescent, optical appearances such as light clouds, rings, streaks or pull-faults in spectral colours, which are visible in polarised light, are physically related and cannot be avoided from a technical point of view. Insignificant blisters, glass clouding, core defects, streaks or waves are acceptable material properties, as long as safety and function are guaranteed. Due to the naturally fluctuating properties of the raw material quartz, slight colour changes of the glass (green tint) may occur. These are typical features of the glass, which may additionally vary due to different material thicknesses. If glass is used in combination with lighting, the above mentioned effect is more or less obvious depending upon position, viewing angle, light and other light sources and does not represent a fault.

CARE

General recommendations for use

Glass is hard but not scratch-resistant. Therefore, avoid contact with sharp, pointed or rough objects. On satinized glass, scratches are particularly obvious. Use soft or smooth coasters underneath any receptacles.

Glass can break, when it is hit by objects from a distance or when it is exposed to strong temperature contrasts (of 40 °C and more). Never put receptacles containing very hot or very cold contents directly onto a glass surface. Use insulating coasters (e.g. made from wood, felt or cork), which do not transfer the heat of the receptacle onto the glass top.

It is best to instantly wipe and rinse off any liquids or other residues on the surfaces, glass and wooden edges or glued joints. Most cosmetic products such as creams, perm and colouring liquids, hairspray, nail varnishes, oils (greases) etc. contain very aggressive substances that may change the surface. These aggressive liquids must be wiped off and immediately and subsequently rinsed with clean water.

Glossy glass

This is particularly easy to care for. The smooth surface can be effortlessly cleaned with a soft woollen cloth and water, if required add a splash of a mild detergent. Glass cleaners are also good. Finally, polish the surface with a clean, dry cotton cloth. Please avoid splashing any glass cleaner on adjacent lacquered or wooden surfaces.

Satinized glass

This requires a little more maintenance. Residues of liquids, grease, limescale or dust may stick to the rough surface. Dirt in the deeper pores of the surface are often not cleaned during wiping, as the cleaning cloth only cleans the higher parts of the surface. After drying, the remaining residue will be visible. Hard water and liquids such as wine or fruit juices may increase this effect. A residue of house dust also tends to remain in the deeper pores.

Mirrors

Mirrored surfaces are best cleaned carefully using a clean, moist (leather) cloth. Do not use any standard glass cleaners. It is essential that water is immediately removed from the mirror edges, as it can otherwise penetrate between the glass and the reflective coating. Immediately wipe off aggressive substances such as nail varnish remover, hair colouring etc. using a moist cloth.

Cleaning of satinized glass

For regular care and cleaning, we recommend wiping the table with a damp JEMAKO® professional cloth*, then wiping it dry with a JEMAKO® dry cloth. More persistent stains can be removed using the JEMAKO® intensive cleaner in combination with the green JEMAKO® fibre cloth. Afterwards, wipe with the damp JEMAKO® professional cloth, then wipe dry using the JEMAKO® dry cloth.

* The products can be purchased from a JEMAKO® retail partner, who will also give detailed instructions on how to use the product. Your JEMAKO® retail partner can be found at: www.jemako.com.

Lasting beauty

Corian® is a high-performant composite material for architecture and design offering versatility, functionality and durability for use in living areas. The material is available as sheets or moulded parts and can be manufactured into almost any shape using conventional tools. Corian® is a solid, non-porous, homogenous surface material consisting of approx. 1/3 acrylic resin and approx. 2/3 natural materials.

Liquids and dirt will not penetrate the non-porous Corian® material. It features a smooth joint-less look. When cleaned properly, mould and bacteria formation is prevented. However, certain chemicals stain, colour or damage the surface. These include strong acids (such as concentrated sulphuric acid), ketones (such as acetone), solvents containing chlorine or strong solvent combinations (such as paint strippers).

Corian® can often be unobtrusively repaired, which is an added value. Small cuts, scratches and stains can be removed using standard, lightly abrasive cleaners and a scouring pad or possibly sandpaper. Burn marks can also be removed in this way.



CARE

Tips for daily care

Clean surfaces with soapy water or a standard cleaning agent, which generally removes normal dirt and residues. Cleaning gels or creams that can be applied with a soft scouring pad or sponge are particularly recommended.

Subsequently rinse the surface with warm water and dry wipe it with a soft cloth. This ensure that the matt finish is maintained. If required, wipe the surface with a micro fibre cloth and an ammonia-based cleaner and subsequently rinse with water.

Always clean in circular movements from front to back, then from one side to the other. Overlap the circular movements step by step until the entire surface is cleaned. Do not use any aggressive or abrasive cleaners for high-gloss or dark surfaces. If water is left to dry on the surface, limescale stains may occur. In order to avoid this, water splashes must be immediately wiped off with a micro fibre cloth. Certain colours may require more frequent cleaning in order to maintain a uniform surface finish.

Special tips for persistent stains

Residues from persistent stains may require special cleaning measures. Follow these care tips to effectively remove the respective stains from your Corian®-surfaces.

Vinegar, coffee, tea, lemon juice, dyes, light scratches, burn marks from cigarettes, shoe polish, ink, felt tip pen, iodine, mould, Mercurochrome, blood, red wine, perfume: use a moist micro fibre cloth and a mild scouring cream (except for high-gloss or dark surfaces).

Lubricating grease, grease and oil residues: rub the stain using a micro fibre cloth and diluted domestic bleach. Rinse surface several times with warm water and wipe dry with a soft cloth. Rinse the bleach instantly with water, otherwise the Corian® surface might discolour.

**Limescale, soap and mineral**

deposits: treat the stain with a micro fibre cloth and a standard limescale remover or vinegar and let it soak for 2 to 4 minutes. Wipe the surface with water and another, clean micro fibre cloth.

Nail varnish: rub the stain with a micro fibre cloth and an acetone-free nail varnish remover. Rinse the surface several times with warm water and wipe dry with a soft cloth. If the stain is still visible, repeat the process using fine-grained sandpaper.

Prevention of permanent damage

In order to avoid permanent damage to your Corian® surfaces, please note the following: do not spill any hot liquids >60°C, strong chemicals (such as paint strippers, paintbrush cleaners, metal cleaners, oven cleaners, methyl chloride-containing cleaners, acid-containing drain cleaners, nail varnish on acetone basis etc.) onto the surface. Do not clean with aggressive chemical substances such as acetone, oven cleaners, diluting agents, strong acids (such as hydrochloric acid) and strong alkaline solutions (such as sodium hydroxide), or industrial cleaning agents or lacquer solvents. Chemicals spilt by accident must be rinsed immediately with water. Do not use metal scrapers, wire brushes or other metal domestic tools to remove stains, colour, plaster or other substances.

Form and functionality go hand in hand

Ceramic is a material with endless possibilities, whilst also being very flexible for processing. For the hülsta bathroom range, this material used in its original form for thousands of years meets the technical possibilities of the 21st century.

The base mass for ceramic consists of the natural materials clay, kaolin, quartz and feldspar. Quartz, chalk, feldspar and the mineral rock dolomite are mixed to create the glaze. During the manufacturing process of the base mass, the outstanding properties of the material are optimised, cast in different shapes and baked at more than 1,200° degrees. The result is a material that sets new benchmarks in terms of durability, surface and colour fastness as well as stain resistance.

The hygienically smooth surface glazing is abrasion and scratch resistant, easy to care for and therefore ideal for the health sector. Ceramic is skin-friendly, heat resistant and lightfast. Surface finishing ensures that vanity units remain beautiful and clean for a long time – the finishing is carried out using only materials that are physiologically harmless.



CARE

Tips for daily use

In order to guarantee the long life of your bathroom furniture, the vanity unit of the mirrored cupboard, please follow these tips:

Ensure that your bathroom is sufficiently aired and dried, especially after showering or taking a bath. Permanently moist walls carry the risk of mould, mildew stains and/or material damage.

Avoid constant contact with water. Standing or overflowing water on the surface of the bathroom furniture and the vanity unit must be wiped off immediately.

Protect your high-quality furniture and ceramic surfaces as well as mirrors and glass surfaces from extreme light exposure as well as heavy, sharp-edged, abrasive, hot, corrosive or acidic objects. Unsightly colour changes, pressure marks or scratches will be the result. Slight colour changes over the years are unavoidable with all materials.

Tips for daily care

For the daily care of your ceramic, we recommend using a soft, non-abrasive sponge or cloth. If you want to use a cleaner, simply use a standard all-purpose cleaner. Do not use any aggressive, abrasive or environmentally unfriendly cleaners.

For more persistent stains, we recommend using mild bathroom cleaners or mild all-purpose cleaners. In the event of heavy stains, simply leave the bathroom or limescale cleaner overnight. Gels and foam cleaners are particularly suitable because they also adhere to sloping surfaces. Otherwise, just place a cloth soaked in cleaning agent onto the stain.

A natural material

Furniture with surfaces made from natural stone such as marble, Jura stone, travertine, limestone or ceramics stand out due to their extraordinary beauty and resistance. Natural stone material shows a unique image of structures that were created during its formation, in some cases many million years ago. Carefully crafted, cut and polished, natural stone makes furniture surfaces particularly expressive.

Granite, as a durable hard stone containing feldspar, quartz and glimmer has conquered a strong position in the living area. Its wide colour palette, ranging from light grey to blue, red and yellow tones, is particularly interesting from a design point of view. Granite can therefore be perfectly combined with other coloured surfaces. Granite is very popular in outside areas and for kitchen worktops.

Marble is a very old stone with a dense crystalline structure, which is harder than chalk but considerably softer than granite. It belongs to the acid-sensitive soft rocks and features impressive structures. Its colour palette ranges from pure white of the Carrara marble to yellow, rose, green, grey and brown shades as well as deep black. Marble unfolds its true beauty after careful sanding and polishing.

Ceramic is derived from the Greek word for clay "Keramos" and is a very old material. In addition to offering many individual design possibilities, it also offers various other positive properties, such as high scratch resistance, colour fastness and easy maintenance.



CARE

Granite

Genuine granite is a very robust material. It is heat, cut and acid resistant. For regular cleaning, wiping with a mild soap solution and a slightly damp cloth with subsequent drying is sufficient. Spilt liquids must be instantly absorbed in order to avoid that they penetrate the material, leaving unsightly stains. For persistent stains, special cleaning agents without abrasive substances should be used.

Marble

Marble is very sensitive to acid and can be easily damaged without special protection. Even the carbonic acid of mineral water can burn a marble surface. Strong alkaline solutions (such as can be found in cleaning agents) can change the surface. It fades and becomes dull in that area, it is therefore recommended to impregnate furniture with marble surfaces accordingly as soon as possible.

Regular cleaning can be carried out with a mild soap solution and a suitable damp cloth. For persistent stains, there are special household cleaners that do not have an abrasive effect.

Ceramic

Ceramic only has a limited capacity to deform plastically. Strong impact in the edge area may lead to fissures and even chipping and breaking of the material. A ceramic top can sometimes feature small pigments in a different colour. These cannot be avoided during the manufacturing process and are typical features of the material that do not represent a fault. Avoid placing hot objects directly onto the surface by using appropriate coasters.

Ceramic has a stain repellent surface, which can effortlessly be cleaned with a damp cotton cloth or a foam sponge, commercial cleaner (e.g. glass cleaner) or soapy water. Wipe the cleaned areas dry in order to avoid chalk residue.

Functionality and technology

We are surrounded by noise. Traffic noise, ambient noise, somewhere a phone is ringing. Everyday-life is loud and precious moments of comfortable silence are becoming increasingly rare. With hülsta furniture you can transform your rooms into quiet zones, where only soft closing mechanics and silent track systems set the tone.

SoftFlow, SoftGlide, SilentStop, SoftClose, Magic-Close: mysterious terms that cover patented hülsta closing systems and – in reality – come close to a magical “Close, Sesame”. Doors softly slide open and close or close flush to form an even wall.

Over the years, hülsta has developed more than 220 national and international patents, many of them associated with the functional brackets. The constant desire for further improvements and more comfortable use has created discreetly intelligent furniture. hülsta drawers, for instance, that can be fully opened to provide 100 percent access to the interior and that close almost silently due to the SoftFlow technology with automatic pull-in feature; or the Magic-Close doors that softly close even when they are pushed hard.

Only the combination of intelligent technology and high-quality materials provides lasting results. hülsta therefore almost exclusively uses metal for brackets.



FITTINGS

The fittings used for hülsta furniture are of the highest quality and durable. It is nevertheless recommended to check and possibly readjust the fittings in regular intervals in order to guarantee the perfect functionality. This particularly applies to existing tension fittings (adjustable reinforcement fittings). Please refer to the installation instructions, which you can easily reorder at www.service.huelsta.com/en.

Hinges

Wipe hinges with a slightly damp or dry cloth. Do not use any abrasive substances; they affect the surface, collecting in the hinges, thus making the moving parts susceptible to wear. Hinges are greased for long-term use. If there is still some noise (creaking) during use, simply apply a thin layer of clear sewing machine oil or silicone spray using a soft brush. Do not use any animal or vegetable oils.

Hinge readjustments

The two or three-way adjustable hinges allow easy readjustment to compensate slight differences in the linear alignment of the doors.

Flap holder adjustments

The effect of the braking mechanics can be regulated using the adjustment screw. Turning this screw allows acceleration or slowing down of the run and adjustment of the opening angle.

Drawer tracks

All drawer tracks are height-adjustable and most are adjustable in width and depth, allowing you to adjust the gaps to suit your personal taste.



Many tips regarding different adjustment possibilities of our fittings can be found using the QR codes displayed here.

Comfort without compromise

Part of hülsta's recipe for success is the combination of high-quality materials, sophisticated design and intelligent functionality in order to provide outstanding comfort, thus proving that bare technology can have a big effect.

All hülsta lighting systems offer outstanding functionality and beautiful design. They perfectly set the scene and show off the furniture to great effect. Their high flexibility provides perfect lighting solutions for any room situation. All hülsta lighting units of course comply with the current safety standards.

hülsta technology is hidden from view, as all pre-installed cables are laid invisibly. However, the result is obvious, i.e. perfectly practical. Whether a flat screen bracket, which can be effortlessly moved into the correct position or lighting effects that can easily be operated by remote control – our innovative electronics provide living comfort without compromise.



ELECTRONICS AND LIGHTING

Lighting

Isolate the power supply before changing lamps or components. Only clean lamps and sockets with a dry or slightly damp cotton or leather cloth with the power turned off and when the device has cooled down.

Only exchange lamps and lights for identical parts with the same performance in order to avoid a possible overload of the transformer and therefore malfunction. When changing lamps and lights, take note of the indicated performance values (watt/specifications) and ensure the correct position of the new lamps, as safety and functionality could otherwise be affected. As the colour of the light has an impact on design and atmosphere, it is advisable to only use lamps and lights with identical colours (e.g. warm white = approx. 2700-3000K).

As all lamps warm up during operation, they must not be covered, in order to avoid a build-up of heat.

hülsta uses resource-saving LED lamps for most lighting options. They offer a high degree of efficiency whilst being energy-saving and long-lasting. Due to the manufacturing process, the high-quality LED lights that we use may still show visible deviations of the colour temperature within the light or between individual lights. This is a typical feature of the product and does not represent a fault. Under LED lighting, surfaces may look different.

Switches and remote controls

Because of their electronic components, switches and remote controls are very sensitive. If required, they can be carefully cleaned with a dry cloth.

Detailed information about the correct and safe handling of all of the electronic and lighting units can be found in the respective operating instructions.

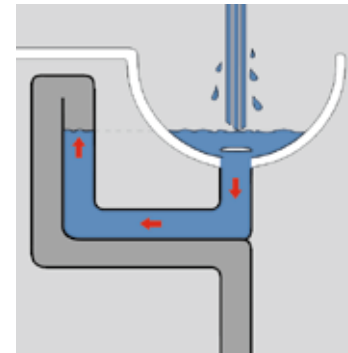
Geberit Clou System

Geberit sanitary products for vanity units from the hülsta bathroom ranges ensure safe and reliable operation and a stylish look.

The drain system is characterised by the fact that the water - if there is a risk of overflowing - does not have to drain through an additional, visible overflow within the sink. Sophisticated technology does not require an unsightly overflow for the water to drain away, thus offering a much cleaner and more beautiful design of the sink.

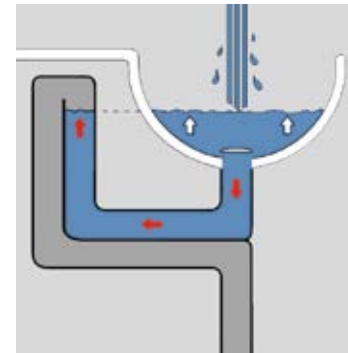
Functioning

With an open sink plug, the flowing water runs into the drainpipe and passes the odour trap. If you want to fill the sink with water, close the pop-up plug to seal the sink. As soon as the water reaches the overflow limit, the water then runs via the drain into the two-part overflow pipe and into the drainpipe via the odour trap. This system works with a seal system that is attached to the plug. It rises when filling the sink and also prevents any dirty water from flowing from the overflow pipe into the sink. In line with the principle of communicating pipes (i.e. containers open at the top and connected at the bottom) the water is evenly stored.



Open sink plug

The water runs directly through the plughole via the odour trap into the drainpipe.

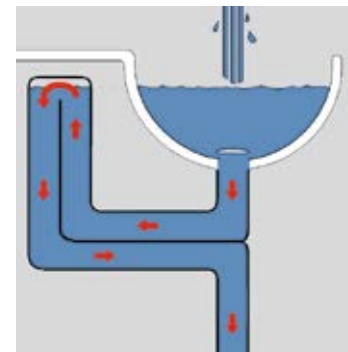


Closed sink plug

Using the pop-up mechanism closes the sink plug. The water is stored evenly in the ceramic as well as in the overflow according to the principle of communicating pipes.

Fill-stop

The patented seal system, which is attached to the pop-up plug, rises when filling the sink, thus preventing a backflow of the dirty water from the overflow pipe into the sink.



Overflow situation

If the water level reaches the overflow level of the overflow channel, the water then flows into the two-part overflow channel via the odour trap into the drainpipe. Opening the sink valve is carried out by using the lever system. The water drains away unhindered.

We recommend regular cleaning to ensure the overflow function.

Comfortable and inviting

The perfect design of upholstered furniture is an art in itself and requires detailed knowledge of the properties of the individual materials. A piece of upholstered furniture is only really comfortable, if all of the components are perfectly matched.

Frame, springing and upholstery are literally the three supporting pillars of hülsta seating furniture. Extremely stable steel tube, bentwood or solid wood frames provide a solid base, which depending upon design is fitted with long-term elastic springing. We use strap spring bases, where strong belts (straps) support the weight of the seated person, or so-called Nosag springing, wavelike bent flat steel springs that offer correct support.

hülsta uses polyurethane (PUR) foams with a high volumetric weight as upholstery material. The higher the relative weight, the better are the load bearing capacities, shape stability and therefore the performance characteristics of the upholstery. This also ensures long-term elasticity and support properties.

The fine, open-pored structure of the PUR foams used by hülsta also ensures free air circulation. This means that the upholstery is still comfortable after sitting on it for a long time, as the permeable upholstery prevents the accumulation of heat and moisture. This is an important criterion for maximum comfort and one of the many reasons, why hülsta furniture is so comfortable.

UPHOLSTERY

hülsta upholstery quality

Your seating comfort depends upon the elastic qualities of the upholstery material. The technical term “elastic stretch” stands for the ability of an upholstered material to recover from a deformation and return to its original shape. hülsta seating furniture is characterised by an extremely high elasticity and perfect shape recovery.

Depending upon size, model and design, different upholstery firmness degrees are used. There is a difference between firmer and softer upholstery, and they react differently during use.

Volumetric weight and firmness degree of the hülsta upholstery are carefully matched. They are the two most important factors for the snugness of seats and backrests. A certain loss in height and firmness (softening) of the upholstery material within the customary and tolerances typical for the material are the result of daily use and therefore do not represent a fault.

Anything but superficial

A piece of furniture that you lie or sit on is very close to you. The selection of fabrics for upholstered furniture therefore requires a great deal of sensitivity in order to ensure that its design, function as well as look and feel are perfectly balanced.

Fabrics are more than the textile finish of a piece of furniture. They are the most important intermediary between function and design. The balance between design and performance characteristics is therefore carefully assessed; the surface should be resistant to wear and tear as well as durable, whilst being visually attractive and comfortable for everyday use.

Depending upon model and material, daily use can result in rippling or depressions in the cover fabric, which have no influence on usability or durability. Frequent puffing up reduces this effect. Within the typical tolerances for this industry and material, the stretching of the cover materials is not a reason for complaint.

hülsta exclusively uses fabrics from known furniture fabric manufacturers, which have been tested by independent institutes for their quality. Only brand fibres such as Dralon®, Orlon® or Dacron® as well as natural fabrics, which feature particularly skin-friendly properties, are a suitable choice for furniture fabrics.

Artificial leather combines textile fabric made from natural and artificial fibres with an artificial coating to create a near-natural leather look and feel. Because of its composition, artificial leather has different properties to genuine leather and must be treated like a cover fabric in terms of care and cleaning.

Sit down and feel the difference!

FABRIC COVERS

Long-term enjoyment of your fabrics

The right care and cleaning maintains the look and value of your upholstered furniture for years to come. Like all textiles that are used daily, furniture fabrics also require regular care to remove dust and stains. In order to facilitate the cleaning process, do not let the staining intensify.

Please refer to the care symbols on the products!

Non-colourfast textiles (such as jeans and other clothing) can transfer colour onto the cover material, which is particularly obvious on light and uni-coloured materials. This staining cannot be removed from most cover fabrics and do not represent a case for guarantee.

The cover fabrics used by us feature a high friction resistance, thus reducing staining. Particularly dark, intensive colours might slightly stain in the beginning within the given tolerances.

Protect your upholstered furniture from direct sunlight, as this could change or bleach the colours. The same applies to halogen lighting.

If the room air is too dry, natural fibres can become brittle. In very dry environments, synthetic fabrics get statically charged and therefore get dirty more quickly. A balanced room climate is therefore as beneficial for your upholstered furniture as it is to you.

Over time, folds and creases result in good cover fabrics developing their individual character. The quality of the material ensures that they will always maintain their elegance.

Pile layer changes

When the pile fibres of velour fabrics lie in different directions, it produces a “shading” effect. Pressure and heat, body and air humidity can lead to these pile layer changes (so-called “fabric lustres”). These are not a sign of poor quality but a side effect of the velvety fabric structure. For this reason, horizontal and vertical areas can also have different shadings.

As heat in combination with pressure can result in long-term changes to the surface of velour fabrics, hot water bottles, electric blankets etc. should not be placed directly onto the fabric.

REGULAR CLEANING

Regular care for textiles / artificial leathers

Vacuum clean the fabric covers in pile direction with the upholstery brush attachment (soft bristles) with the vacuum cleaner on a low setting or use a soft (clothes) brush in pile direction.

Fabrics can also be carefully wiped with a slightly damp chamois leather.

Stains should be removed as soon as possible. Different fibre compositions need to be considered.

Heavy stains on removable covers are best removed by chemical cleaning. Fixed upholstered parts are best cleaned by using a dry shampoo, as this protects the padding material from damp.

We recommend cleaning the entire furniture piece in case of staining, as changes resulting from the treatment of individual spots are generally more obvious.

Regular removal of dust or perspiration from artificial leather should be carried out using a warm soap solution and a suitable slightly damp cloth. Regular care slows down the brittleness of the material caused by perspiration. It is basically better to clean regularly using small amounts of cleaning agents than rarely using large amounts of products.

INTERIM CLEANING

Microfibre and velour fabrics

Microfibre cover fabrics (such as Alcantara, Dynamica, Primma) are made from synthetic fibres and are therefore particularly easy to care for. Velour fabrics are made from different types of fibre such as synthetics, mohair, wool, viscose, cotton or silk. They can be easily cleaned, however are more sensitive to humidity. Generally, careful wiping with a special cleaning cloth is sufficient to clean both types of fabric.

Dry shampoo is a very good solution to avoid moisture entering the upholstered material. Spray the dry shampoo onto a sponge that has been moistened with water and then squeezed out. Carefully rub the shampoo into the stained piece of furniture and follow the instructions of the dry shampoo manufacturer.

More persistent stains on microfibre covers can be removed with foamed liquid shampoo or warm, mildly soapy water. Carefully wipe the piece of furniture and then rinse it carefully without soaking the upholstered material.

In order to prevent too much moisture entering velour fabrics, only apply the foam of the liquid shampoo onto the cover fabric. Carefully wipe the stained piece of furniture and then rinse it with as little moisture as possible. Finally, use a soft clothes brush to brush the pile in pile direction.

Artificial leather must only be cleaned but not treated with oil-restoring substances, as artificial leather cannot absorb these lotions and an unsightly film will form. Special products (e.g. from LCK) make it more resistant to discolouring from textiles (for instance jeans).



INTERIM CLEANING

Smooth fabrics

Smooth fabrics made from synthetics, wool, viscose, cotton or silk can be cleaned in the same way as velour fabrics. Due to the short-pile surface of smooth fabrics, it is unnecessary to brush it afterwards.

Linen

Do not treat any furniture pieces covered in linen yourself.

Beware - clothes can leave dye marks!

Clothes, especially jeans fabrics, are often not colourfast. Please consider therefore that dark fabrics might leave dye marks on lighter furniture fabrics.

CARE SYMBOLS

WASHING

- Normal washing cycle up to 60°C
- Delicates washing cycle up to 60°C
- Special delicates washing cycle up to 40°C
- Hand wash
- Do not wash

Chlorination

- Chlorine bleach possible
- Chlorine bleach not possible

Ironing

- Iron hot, 200°C max
- Iron moderately hot, 150°C max.
- Do not iron hot, 110°C max.
- Do not iron

Dry cleaning

- Kilo dry cleaning possible
- Careful, gentle cleaning cycle
- Kilo dry cleaning not possible
- Dry cleaning not possible

The letters refer to possible solvents.

Tumble drying

- Delicate drying cycle
- Normal drying cycle
- Do not tumble dry

STAIN REMOVAL

Mishaps occur all too quickly. Stain removal should generally be carried out by trained upholstery cleaners. In case you wish to try it yourself, we have compiled a list of the most common stains so that you can react fast and correctly. The faster you act, the easier it is to remove any stains.

In order to see how the textile reacts, always treat the fabric in an inconspicuous area first. Remove any dust prior to treatment.

After the treatment of stains, it is advisable to wipe the surface with a dry, white cloth. Do not use your upholstered furniture until it is completely dry.

Stains caused by colouring liquids such as wine or juice, ink or ballpoint pen must be immediately removed from artificial leather in order to prevent penetration into the surface structure.

Water soluble stains

Coffee, tea, spirits, beer, dark-coloured fizzy drinks, fruit juices, lemonades

Treat these as soon as possible with a lukewarm shampoo-water solution.

White coffee, cocoa, ballpoint pen, lipstick, mayonnaise, cream, sauces, soups, perfume, shoe polish, ink, soot, vomit

Try to clean the stain with a lukewarm shampoo-water solution first. If that does not work, treat it with spirit or benzene or with a spot remover.

Blood, egg, faeces, urine

Always use cold water to remove these stains. Warm water would make the protein, contained in these stains, coagulate. If required, subsequently treat with a shampoo-water solution.

Water insoluble stains

Candle wax

Do not use an iron to remove candle wax. The intense heat would damage the textiles and upholstery material. Try to break down the wax and then carefully remove the pieces of wax. Special care needs to be taken with velour fabrics, as the surface could otherwise be damaged. Afterwards (several times if necessary), treat the remaining candle wax with benzene.

Chewing gum, plasticine

This type of stain can be treated with commercially available freezing spray. Follow the instructions of the manufacturer. For velour fabrics, this type of stain removal is only partly recommendable, as the surface might be damaged in the process. Always test an inconspicuous area first.

Butter, floor polish, paint (lacquer), fat, resin, coal, lacquer oil, tar

In these cases, proven stain removers are solvent-containing cleaners such as benzene, spirit or a commercially available stain remover.

Rust, blood (dried)

Wet a white cloth with a citric acid solution (one level dessert spoon citric acid with 100 ml cold water) and dab off the incrustated stain from the edge towards the middle.

Dirt eraser

We recommend commercially available dirt erasers for stain removal and cleaning.

Please refer to the manufacturer's user instructions (i.e. suitability for respective materials, applications etc.)



Natural character

Leather reflects life. When you look at it closely, you will see the fine marks that nature has imprinted on the animal's skin. Signs of life such as folds, scars and stings create interesting textures, whose unique character is impossible to reproduce. They do not represent a defect but are proof of a genuine natural product.

Leather is a precious and unequalled material that will provide upholstered furniture with exclusive beauty and outstanding comfort. Its natural pore structure ensures a perfect heat and humidity exchange. Leather is therefore comfortable at any temperature. There is no better cover material for allergy sufferers, as smooth leather surfaces can be easily and thoroughly cleaned.

hülsta leather furniture is made from high-quality Nappa leathers, which were formerly exclusively used for glove production due to their unequalled suppleness. The careful selection of the raw leather and the considerate integration of typical natural leather characteristics create upholstered furniture that provides a perfect marriage of comfort and beauty. Even years of use do not affect the high quality and durable hülsta leather furniture. It matures with dignity but never loses its distinctive character.

Leather develops waves and folds due to stretching and general use, giving it a highly individual look. The stretching of the material, which is characteristic for fine, high-quality leathers results in natural "waving" and a typical "seat layout" (hollows) of the cover. Depending upon structure, delicacy and type of leather, there will be stronger or weaker stretching. This does not represent a fault. Deciding on leather furniture means choosing sustainability and exclusivity.

TYPES OF LEATHER

Nappa leather

Nappa leathers are soft and full-grain furniture leathers with a smooth or textured surface. Coloured leather highlights the individual features of the respective skin even better. Visible differences in colour and structure are not a reason for complaint, but a sign of genuine leather. There are three different types of Nappa leather depending upon the respective surface treatment process (finish).

Natural leather (Aniline leather)

Aniline leathers are natural leathers that are dyed with transparent, environment-friendly and water soluble dyes. Only high-quality raw leather is suitable for this process. The dyes are absorbed allowing the natural grain and pores of the leather to be seen. These do not only look interesting but also ensure a good heat and moisture transport.

The high-quality aniline leathers feature a soft, warm and natural feel and are particularly skin-friendly. Due to their natural state, they are less robust than other types of leather.

Lightly pigmented leather (Semi-Aniline leather)

Semi-Aniline leathers are also high-quality leathers, which are treated with a small amount of pigments. The light pigment dye ensures an even surface colour and a balanced texture. Although Semi-Aniline leathers are more durable, they still retain a natural appearance. The pigmentation has no influence upon the feel and still ensures air permeability.

Pigmented leather (covered leather)

So-called covered leathers have a partly corrected surface. A covering, protective pigment dye, often featuring a grain image, is applied. This type of finish makes them extraordinarily durable and easy to care for. Furthermore, pigmented leathers are soft to the touch.

Artificial leathers

Artificial leathers are textile fabrics with a special artificial coating. Care and cleaning instructions can be found in the chapter "Cover fabrics".

CARE

In order to enjoy your leather furniture for years to come, never treat the leather with solvent-containing cleaners (stain removers, turpentine, benzene) or with shoe or floor polish. Only special leather care products and cleaners are suitable for the special requirements of this natural material.

In order to ensure that the care product or cleaner is suitable for your furniture, test it in an inconspicuous area or on the enclosed sample prior to use. Always use a white, soft and clean cloth. Should the cloth show any trace of colour, then the product is unsuitable for your leather furniture. If in doubt, rely on the experience of a leather upholstery expert.

Leather furniture should not be exposed to direct sunlight, as radiation changes and bleaches its colour. Strong halogen lighting has a similar effect. Strong heat from the sun, spot lights or radiators promote dry room air, which might make the leather of your furniture brittle in the long term. Exposure to light changes the colour of the leather and fades it. Ensure that the room air is sufficiently humid in order to keep the leather soft and supple.

Please note - some fabrics might rub off!

Some textiles, especially jeans fabrics, are often not colourfast. Please therefore keep in mind that darker fabrics can possibly rub off on light leather covers.

CARE**Regular care**

Dust can easily be removed with a soft cloth. In order to maintain the suppleness of the leather, we recommend the regular care with a special care product. Avoid rubbing the furniture, as this might result in the surface becoming rough or matt.

Intermediate cleaning

Frequently used areas generally show heavier dirt. Natural and lightly pigmented leather is best cleaned with hand warm water with a splash of a light cleaner. Covered leather can be wiped with slightly damp, well wrung-out chamois leather. Afterwards, dry the leather surface with a soft cloth. Subsequent treatment with a special care product is advisable for all three types of leather. It protects the natural material.

Stain removal

Absorb liquids immediately with an absorbent cloth. To avoid roughening of the leather, we recommend not rubbing the surface. Should further treatment be necessary, follow the instructions for intermediate cleaning.

Greasy stains can also be removed following the instructions for intermediate cleaning. Should any greasy stains remain, please stop treatment. The natural properties of the leather ensure that the fat will slowly be absorbed and that the stain will disappear.

Dirt eraser

We recommend commercially available dirt erasers for stain removal and cleaning. Please refer to the manufacturer's user instructions (i.e. suitability for respective materials, applications etc.)

Register your guarantee using your hülsta or
now! by hülsta guarantee number at
www.huelsta.com/en/guarantee
or by phone on +49 (0)2563 86-1273

Your GUARANTEE NUMBER:

Edition 6/2019

Copyright by hülsta | Imprimé en Allemagne | Printed in Germany

hülsta werke | Karl-Hüls-Straße 1 | D-48703 Stadtlöhn | Germany

Tel.: +49 (0) 2563 86-0 | Fax: +49 (0) 2563 86-1417

www.huelsta.com



1369033