

Merianto Medical products user and maintenance manual

What to observe when using the furniture

Merianto Medical furniture and interior solutions are designed for use for the intended purpose under normal interior conditions. The furniture must be stored and used in dry rooms with heating where the temperature must not be lower than +10°C and the relative humidity is between 40 and 60%.

Wall panels are intended to be used as decorative wall coverings in interior conditions corresponding to class M1 and depending on solution type ordered conforms to the A2-s1-d0 or B-s1, D0 fire class requirements. The panels are suitable for rooms where the temperature is above +15 C° and humidity is 25-60% (except solid wood which requires humidity above 35%).

It is recommendable to protect the products against direct sunlight which may change the product's colour and appearance: finished surfaces bleach and become duller, varnished surfaces may crack. Sunlight affects natural wood and veneered surfaces most and quickest.

Product's shelves, doors, drawers and work surfaces must not be overloaded with heavy items. Additionally, no further details or extra weights must be attached to doors which were not taken into consideration in the product's design. The furniture and compartment doors should be kept closed to prevent the deformation of door hinges and compartments.

It is recommendable to use heat absorbers when placing hot items on furniture products as otherwise the items may damage the product's surface.

Sharp edged or metal items may damage the furniture's surface.

Liquids that come in contact with the furniture must be dried immediately with a clean soft cloth.

Furniture constructed using visible ties, bolts or screws need to be checked periodically. The checking interval should be 2-4 years depending on the product and use intensity. If necessary contact Merianto Medical client services.

It is recommended to use a specialist's assistance when relocating specific furniture or if required consult the producer for advice. Cabinets attached to walls definitely require following the producer's installation guidelines. Installation works must take into consideration safety requirements.

Furniture that is being relocated requires removing moveable parts – drawers, doors, inner shelves and additional accessories. Everything must be packed separately to avoid possible damage.

How to care for the product

The materials used have very different properties. Merianto Medical considers the client's wishes and desired end result when designing products. The product is designed in optimal fashion, taking into consideration a quality end result. Surfaces should be cleaned avoiding abrasive components, bleaching agents and cleansing agents with solvents. The user instructions of the chosen cleansing agents must be adhered to.

Melamine surfaces (usually cabinet shells and other similar non-visible surfaces) are cleaned using water soluble cleansing agents. Neutral dishwashing agents (pH6-8) or slightly alkaline cleansing agents (pH 8-10) dosed into water are suitable. When using alkaline cleansing agents the surfaces must be rewiped using a moist cloth. It is not recommended to rub the surfaces while cleaning.

Coated and varnished surfaces are cleaned using a cloth moistened with dishwashing agent solution (pH 6-8). The use of cleansing agents containing ammonia and acetone solvents is not permitted. Surfaces must always be dried after cleaning. The surfaces must not be rubbed.

High pressure laminate covered surfaces withstand mechanical wear, most furniture cleansing agents and the effects of weak acids. The highest permissible temperature for momentary contact with laminated surfaces is +180 C°. Stubborn stains can be removed using rubbing alcohol, acetone or solvent moistened cleansing cloths. It is not recommended to rub the surfaces while cleaning. Strong substances such as blood, bacteriological contamination, paint, oils, solvents, varnish, glue, sticky substances etc. can be removed from laminate surfaces using stronger organic cleansing agents such as acetone, petrol and alcohol. Polishing and glossing agents, waxes, cleansing agents containing acids or acidic salts (aminosulfacide, hydrochloric acid, and silver polishing agents) should be avoided. Stronger cleansing agents should not be used for cleaning work surface PVC or wood borders.

Solid wood varnished surfaces are best cleaned with water or a slightly soapy solution. The use of cleansing agents containing ammonia, acetone etc. is not permitted. Cleaned surfaces must always be dried. The surfaces must not be rubbed. Solid wood oiled or waxed surfaces must be regularly (1-2 per year) treated with (oil/wax) finishing agents, which maintains and nourishes the wood, making it continually more durable against humidity and highlights the material's natural tone and strengthens it. Smaller defects can be removed from the oiled/waxed surface by sanding with sandpaper (150-200). It is important to ensure that sanding occurs with the wood's grain. It is not necessary to sand the product's entire surface. Before oiling/waxing the sanding dust must be removed with a dry cloth. When oiling/waxing the oil/wax should be poured onto a soft cloth (not the product's surface) and rubbed into the wood with the grain. It takes about 25-30 minutes for the surface to absorb the oil. Excess oil/wax should be removed with a clean, dry cloth or white household paper. NB! Oil/wax are fire hazardous products so oily cloths, household papers must be burned or disposed of immediately to avoid self-ignition (follow the safety instructions on the packaging exactly!).

NB! Solid wood products (incl. laminated timber products) are very sensitive to temperature and humidity fluctuations in rooms. Solid wood is a natural material which has a play are of 2-5 mm per metre concerning temperature and humidity changes. The minimal humidity in rooms with solid wood products is 35%. In periods requiring

heating a room's humidity may fall below 35% in which case the producer's warranty conditions are no longer applicable.

It is recommended to avoid placing products in direct sunlight as colour changes in the material might be possible due to the wood's excessive drying, knot splintering and the wood's cracking. Wood products are always sensitive to some degree to changes in temperature and air humidity. Solid wood and laminated timber products are not suitable for use near heat sources (radiators, fireplaces, stoves etc.). NB! Every solid wood product is unique and the wood's grain does not repeat. The producer cannot fully consider the client's wishes concerning the wood's grain and the right of exchange is not permitted in case of inappropriate grain.

Veneered surfaces are cleaned with a soft moist cloth. The use of cleansing agents containing ammonia, acetone etc. is not permitted. The surfaces must always be dried after cleaning. The surfaces must not be rubbed. NB! The grain of natural veneer covered surfaces is unique. The producer cannot fully consider the client's wishes concerning the grain and the right of exchanges is not permitted in case of inappropriate grain.

Composite material surfaces (Kerrock, Corian, Durat, HiMacs etc.) consist of natural minerals and high technology acrylic resins to form a material with a universal decorative surface intended for use in all interior conditions. The product's surface is polished or matted and is relatively durable against stains caused by different substances, liquids etc. The material is non-porous and therefore does not absorb liquids and dirt making the surface easy to clean with a soft cloth and non-abrasive household cleansing agents. At the latest within 4 hours acidic and oily substances must be removed with a soft, moist cloth from the work surface. Product maintenance: clean with a soft moist cloth, different non-acidic cleansing agents may be used. Lighter mechanical surface defects can be removed by repolishing which is sensible to do every 2-3 years, if necessary more frequently, depending on the surface's use activeness.

Glass doors and surfaces are best cleaned with window washing agents and cloths. Abrasive cleansing agents should be avoided which can matt the glass. It should be observed while cleaning that excessive liquids do not affect the surrounding product details. All glass used in the furniture is toughened security glass.

Powder coated steel and aluminium constructions, baskets, frames, and accessories are essentially maintenance free. The products are cleaned if necessary using a neutral cleansing agent and cloth. The surfaces may be treated with anti-static means to avoid static electricity creation. The use of abrasive cleansing agents, solvents and acetone is not permitted.

Stainless steel products have great durability and are relatively maintenance free. Stainless steel products are cleaned using neutral or slightly alkaline cleansing agents. Very suitable for cleaning is a soft sponge and liquid dishwashing agent. It is necessary to dry the cleaned surfaces thoroughly as the large iron and iron particle content in water may create corrosion spots on the stainless steel material's surface. Sodium chloride, chloride, solutions containing mineral and organic acids may cause corrosion spots on the material's surface so it is important to remove such substances immediately. Window washing agents may be used which removes greasy dirt and dries fast without leaving drops. Also suitable are liquid detergents intended for washing white clothes as well as liquid dishwashing agents containing chlorine and intended for use in dishwashing machines. It

is forbidden to use scrubbing soaps and acidic cleansing agents. Surfaces scratches caused through normal product use do not weaken the product. Light surface defects can be removed from the stainless-steel material's surface using polishing pastes (request additional info from Merianto Medical's representative).

Door hinges are usually tri-directionally adjustable concealed hinges. Usually hinges openable to 110° and 165° are used depending on the product and need. Door hinges do not require maintenance and they are easy to keep clean. Occasionally dependent on use intensity the hinges may require adjusting which is easily done using the adjusting screws on the hinge base. If needed contact Merianto Medical client services.

Plastic side panels withstand loads up to 20 kg per each basket. The side panels are maintenance free. Neutral dish washing agents (pH6-8) are appropriate or slightly alkaline cleansing agents (pH 8-10) diluted with water. When using alkaline cleansing agents, the surfaces must be additionally wiped with a moistened towel. It is recommended to use a special brush to clean the side panels as the brush fits into the grooves of the panel (for ordering, contact Merianto's representative).

Ball-bearing telescopic runners withstand a load factor of up to 50 kg per runner pair. The runners may be wiped with a dry towel if necessary. Depending on frequency of use, the runners may need occasional oiling.

Plastic baskets and dividers are made from durable plastic intended for high density use in conditions requiring frequent cleaning.

Baskets PC (polycarbonate) are high mechanical load factor products which are machine washable withstanding temperatures up to +125 C° and even +140 C° for a short while. The baskets are durable in terms of oil and grease. Acidic and alkaline substances may damage the product's surface.

Baskets ABS (Acrylnitrile-butadiene-styrene) are rigid and strong, when stabilised, with a high load-carrying capacity. During cleaning, the baskets withstand temperatures up to +70 C° and even +85 C° for a short while. The baskets will withstand weak acidic and alkaline substances.

Attention!

The material characteristics and instructions in the maintenance manual have been received from our material suppliers. The presented requirements must be followed and observed when performing product maintenance. Merianto Medical will not take responsibility for consequences to materials and products that are misused or improperly maintained. Where required consult Merianto Medical's representative for further information.

All products must be used for the intended purpose to avoid accidents and product damage! It must be taken into consideration when lifting that the products are often very heavy.



Merianto Medical products have a two-year (2.y.) warranty. The warranty period starts the day after the products have been delivered to the client. The warranty is valid under the condition that the furniture is used according to the intended purpose and regularly maintained. Normal wear as well as texture and colour changes of solid wood, natural veneer, fabric and leather are not covered by the warranty. Glass, mirrors, stone and composite surfaces are not covered by the warranty.

The warranty ceases if:

- The furniture has not been used according to the intended purpose and the maintenance requirements and recommendations have been ignored;
- During the warranty period the furniture has been relocated with the consequence of damage or adjustments going out of place;
- The furniture has been repaired by oneself during the warranty period or the client/user has performed incorrect maintenance;
- Details have been added to the furniture which were not initially planned;
- Damage to the furniture has been caused by incompetent handling, storage or transportation.

We thank you for your trust in having chosen Merianto Medical as your cooperation partner. We hope that our products and services match your needs and expectations. We are thankful for all kinds of feedback which helps us provide you with higher quality in the future. For information on products, their use and maintenance you are always free to contact us - info@merianto.com or + 372 6 542 000.