Safety

General safety instructions

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1 Note

Attention:
No assembly by end users!

Delivery, moving and conversion work may only be carried out by USM specialists or authorized USM sales partners.

Attention:
Tipping hazard in the presence of children!

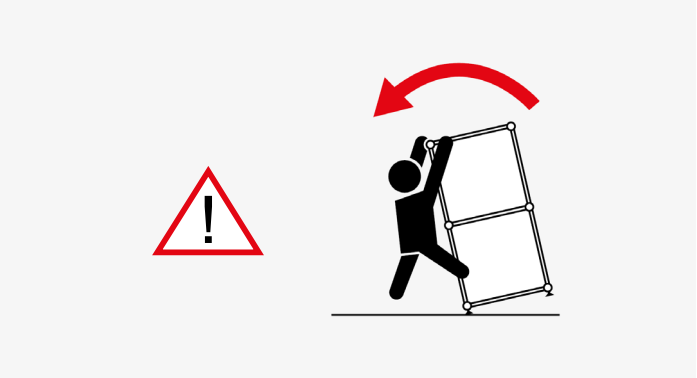
The furniture can tip over if children climb on or in the furniture.

Attention:
Tipping hazard with extension elements!

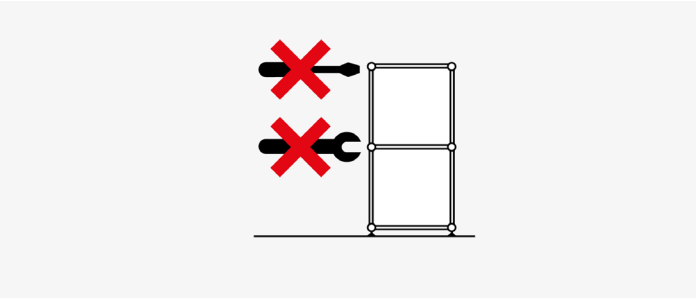
The furniture can tip over if an equal or greater load is pulled out than remains in the furniture.

2 General safety instructions

USM sees the safety of all its users as a top priority. Therefore, USM encourages its end-users to supervise children as well as disabled and elderly people (according to necessity) at all times and to instruct them on the safe use of the USM modular furniture system. To avoid dangerous situations, users of the USM Haller furniture system (particularly children) should not play with it, climb on it or hang from it. Playing with pull-out elements or climbing in furniture compartments is extremely dangerous. Furthermore, cleaning and maintenance should never be carried out by children without supervision.



All delivery, moving and conversion work on USM modular furniture must always be planned to take the latest version of the “Safety Information and Load Limits” document as well as the newest version of virtual.USM into consideration and must be carried out by USM specialists or authorized USM sales partners.



USM Haller E

USM Haller E is equipped with electrical components. Improper use may lead to a short circuit, fire, damage or electric shock (see Operating instructions USM Haller E).

The system may only be operated with the original USM e-Power supply and components. Operating the system with third-party or defective components may cause life-threatening injuries. Defective components can only be replaced with original USM parts. Repairs to the USM Haller E shall be carried out by USM or authorized USM personnel. The only aspects that may be performed independently are replacing the e-Inserts and installing the e-Reflective film.

USM Haller E complies with the required safety regulations.

USM Haller E is not intended for use outdoors or in wet areas. Using the USM Haller E in rooms subject to explosion hazards is prohibited.

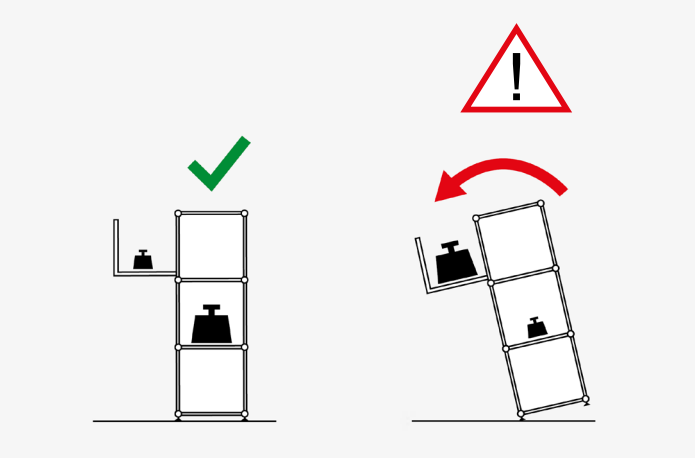
3 Tipping hazards

Furniture on leveling feet

Weight distribution inside the furniture

If the load in/on the extended/unfolded elements (e.g. extension doors, extension shelves or extended -extension doors loaded with weight) is smaller than both the residual load in the furniture and the dead weight of the furniture, the furniture will be stable on the floor.

If the load in/on the extended/unfolded elements is equal to or greater than the remaining weight and the dead weight of the furniture, the furniture will tip over. If such suboptimal weight distribution is present, the furniture must be secured, e.g. with a wall anchor.



External forces

The furniture can tip over if an outside force acts upon the furniture, especially near the top. The greatest caution is required when children are present. Pull-out elements and drop-down doors should always be closed and never left open. Furniture in earthquake-prone areas should always be sufficiently secured. A comprehensive examination of the local conditions is required in this case.

Anti-tipping

If suboptimal weight distribution is present in the furniture or if the furniture is located in an environment in which it is subject to external forces, the furniture can be secured, e.g. by anchoring it to the wall. (see following page: Wall/ floor anchoring set). If furniture is not properly anchored, USM will not be liable for personal injury or property damage caused by furniture tipping over. If you cannot anchor the furniture to the wall, there are other options (such as counterweight plates for small/low furniture, shelf connections, angle construction, double shelves, floor anchorage) that can be used to guarantee the tip safety of your furniture. To do so, contact your responsible representative

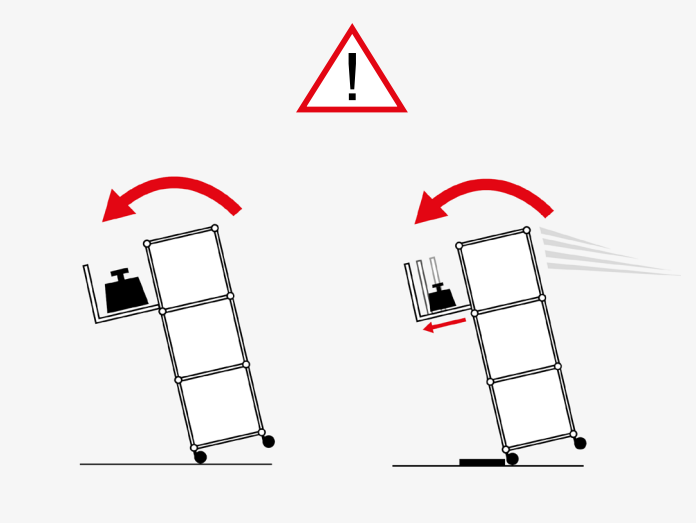
Furniture on castors

Furniture on castors carries a fundamental risk of tipping over. Care should be taken when handling in the following ways:

— If the castors are not blocked or turned inward, counter to the extension direction, the furniture can quickly tip over when extending a weighted element or when loading weight onto an extended door.

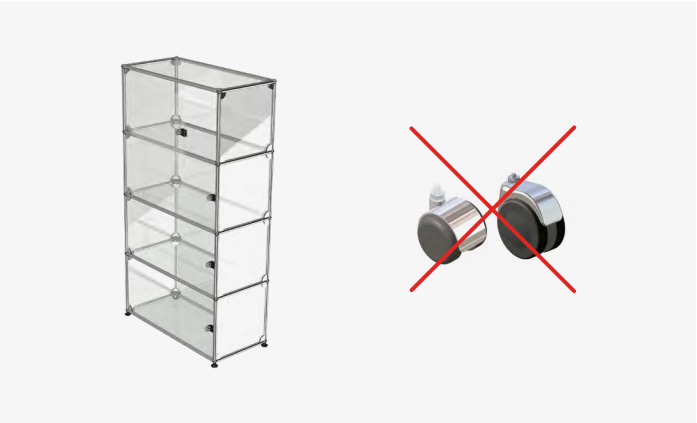
— The furniture can tip over if it hits an obstacle on the floor or a threshold or if it is pushed over uneven ground. The generated braking force can cause extension and drop-down elements to open by themselves, further increasing the tipping hazard.

Use the utmost caution when handling furniture on castors, with or without locking. Floors should always be free of obstacles. Extension doors can be fitted with self-locking snap-action rotary latches or snap-action rotary locks in order to prevent their opening by themselves.



Furniture with glass

Use the utmost caution with furniture with glass element and/or glass doors. If a piece of furniture with glass elements tips over, it may cause serious injuries. Therefore, furniture with glass elements/glass doors may never be on castors. If furniture with glass elements/glass doors risks tipping over, it should be anchored to the wall or floor for security.

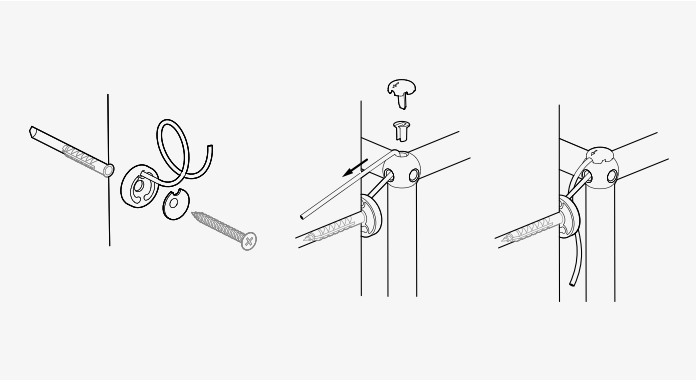


Wall/floor anchoring set

Shelves can be fixed to the wall or floor with the wall anchoring or the floor anchoring set. Screws and wall plugs are not included in both sets. The sets contain an assembly guide which is critical to follow during installation.

Wall anchoring

Rule of thumb: If the wall condition is assessed correctly and the anchors are mounted properly, a wall anchoring set can hold 20 kg. The number of anchoring sets required is calculated automatically by virtual.USM. Furniture units which pass the safety check without requiring any measures can also be fitted with wall anchors. USM recommends installing the wall anchors on the top outer corners of the furniture unit.

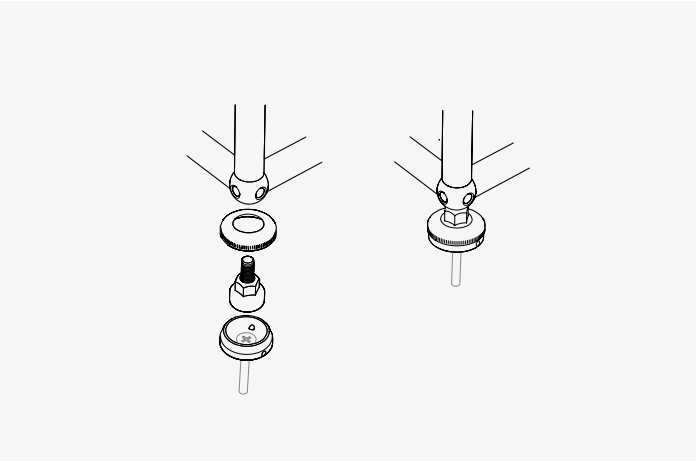


Floor anchoring

Rule of thumb: If the floor condition is assessed correctly and the anchors are mounted properly, a floor anchoring set can hold 35 kg. The number of anchoring sets required is calculated automatically by virtual.USM. USM recommends installing the anchors as follows:

— If the unit stands against the wall, the anchors should be installed on the outer rear corners.

— If the unit stands freely in a room, the anchors should be installed on the outer diagonally opposite corners.



The USM sales partner or customer is responsible for anchoring or screwing the product to the wall or to the floor.

Different wall and floor types (concrete, plaster, wood, etc.) must be assessed in advance. Depending on the wall/floor type, dowels and/or screws may need to be used.

Always use caution when anchoring. Please note that hidden electric, gas, water, heating lines or similar may be located inside the wall or the floor.

USM also recommends that the work be carried out by a specialist with expert knowledge.

USM assumes no liability for insufficient anchoring due to improper execution.

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