

Kase Storage System

Seismic & Non-Seismic Restraints

Furniture items can potentially be dangerous, especially if children attempt to climb or play on them. The *AS/NZS 4935 Standard for Determination Of Stability* is a voluntary safety standard in Australia and New Zealand which aims to reduce the chance of furniture items tipping and causing injury to or the death of users, in particular children. Kase Storage meets this standard when used in accordance with our safety recommendations.

Your Kase Storage unit can be fixed to the wall or floor to prevent it from tipping over and to ensure your safety in high-risk earthquake prone locations. The environment your Storage unit will be used in, the height, width and depth of the unit and what accessories go in it should guide your decision as to what type of restraint you choose, or whether you choose to have no restraint.

Safety Recommendations

⚠ Never allow children to climb Kase Storage or hang on to Drawers, Cupboards or Shelves. Televisions should be secured with an anchor device or mounted to the wall. Heavy items should be placed lower down unless the unit is secured.

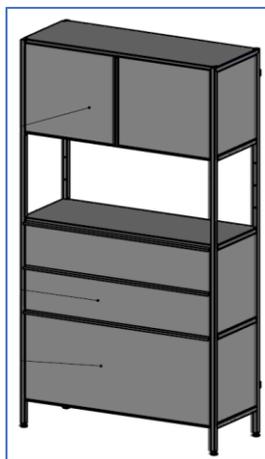
⚠ It is critical that Drawers are only opened one at a time, and no more than 25kg can be loaded into a single Drawer. If Drawers are positioned above 750mm high the unit should be fixed.

⚠ We recommend fixing units 1500mm and higher to the wall or floor.

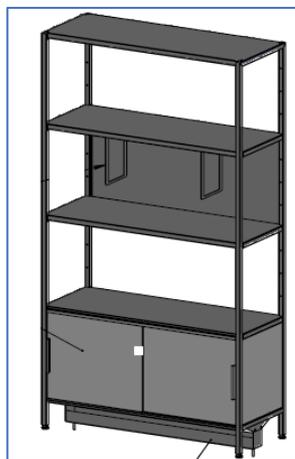
If you choose not to secure your unit and they are located against the wall, you may wish to tilt the unit so the tops of the ladders (uprights) rest against the wall for additional stability. This can be achieved by winding out all front feet until the ladders are resting on the wall.

Restraint Options

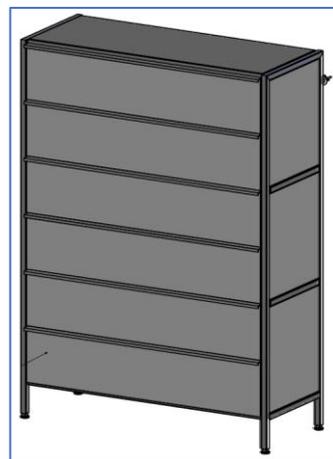
We provide three types of restraints that accommodate both low and high-risk risk environments and can be configured for varying wall and floor materials.



Seismic Wall Anchor



Seismic Floor Anchor



Non-Seismic Wall Fixing

Site Check

- Your walls and / or floors will need to be finished prior to our Installation, they cannot be done afterwards including Carpet.
- Fixing into walls and floors especially concrete is noisy and dusty. Whilst it doesn't take long to drill each hole, you may want to consider the timing of the Installation especially in commercial working environments.

Finishes

- Seismic Yokes and Trays, Wall Spacers and Seismic Rails are the same colour as the Storage unless otherwise specified.
- End caps on the ends of the Aluminium Seismic Rails are available in Light Grey or Black.

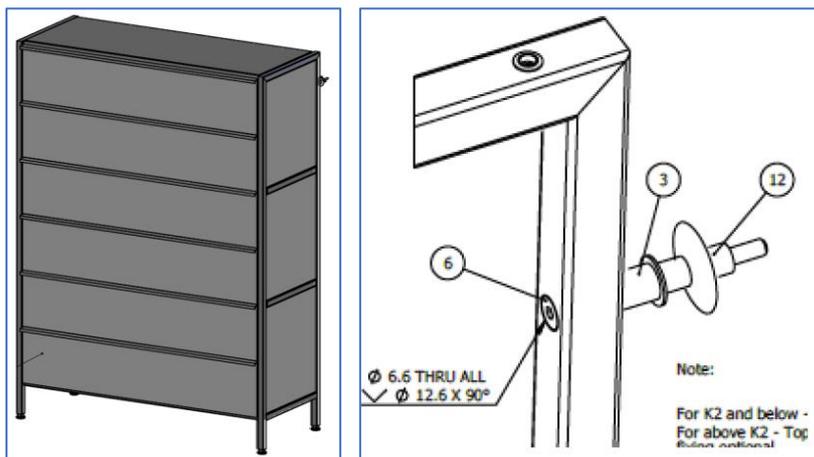
Skirting & Trunking

- The Non-Seismic Wall Fixing is a 16mm long aluminium spacer that spaces the unit off the wall to allow for a skirting. Please advise if you need a greater allowance.
- The Seismic Wall Fixing is a 28mm thick aluminium extrusion which is typically ample for a skirting. Please advise if you need a greater allowance.

Placement

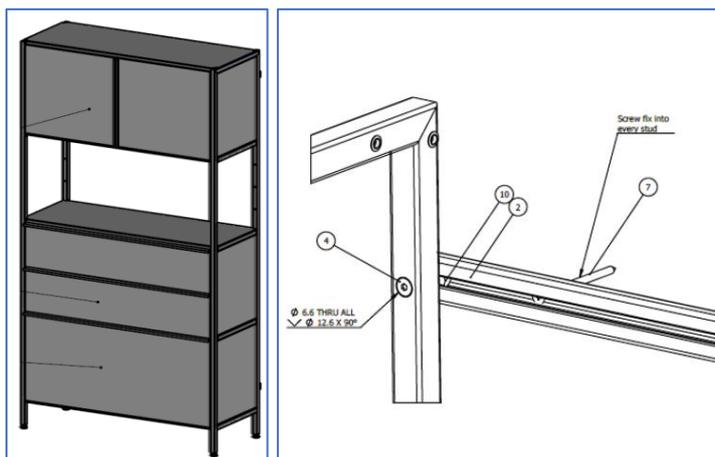
- Floor fixing is done at the start of the Installation, so we need to know where the unit is going before we start building it.
- We will need exact dimensions of where the unit is to be placed prior to Installation, either marked up on site or via a floor plan.
- The orientation of any openings such as Drawers or Cupboards should be marked on the floor plan for any units in an open plan space.
- Please ensure there are no obstructions to the unit prior to Installation such as power points, trunking or unusual sized skirtings that have not been allowed for.

Non Seismic Wall Fixing— Hollow Wall



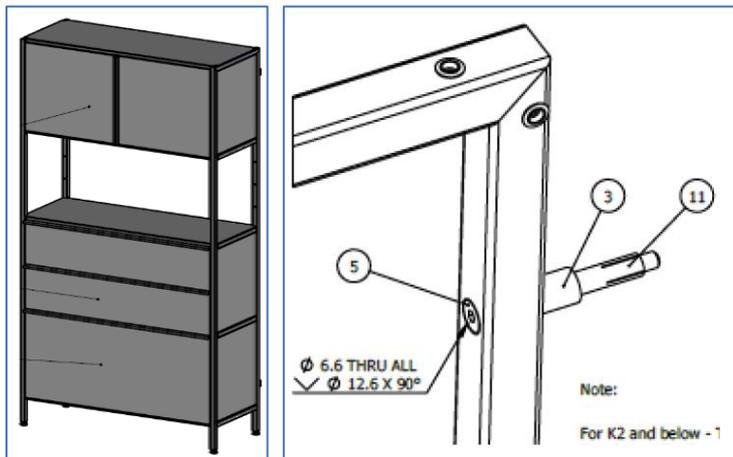
A spacer distances the unit off the wall to allow for any skirting. A hollow wall anchor is fixed through the Ladder into the wall.

Seismic Wall Anchor— Hollow Wall



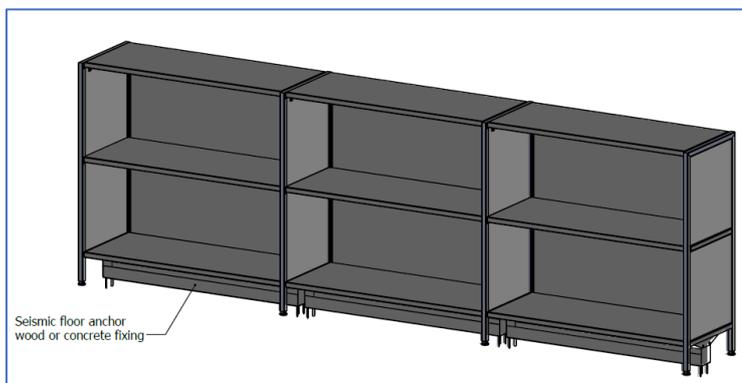
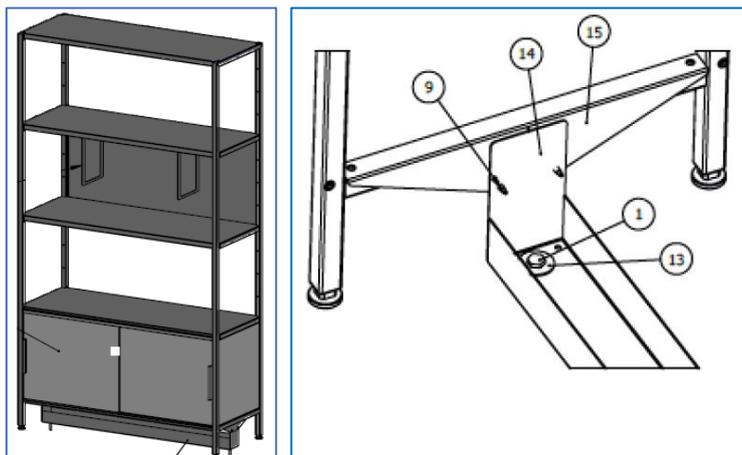
One or two Aluminium Rails can be fixed to the wall to capture each stud. The Ladder is fixed by a machine screw into the Rail. Rails are powder coated the same colour as the Storage and have end caps in Light Grey or Black.

Seismic Wall Anchor— Concrete Wall



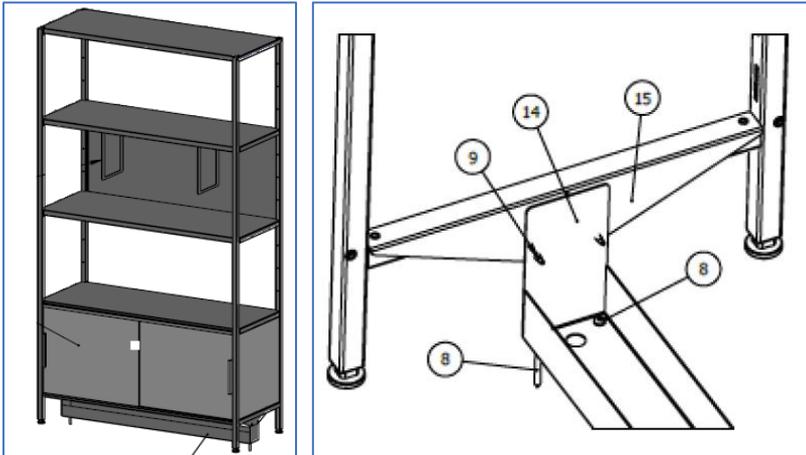
A spacer distances the unit off the wall to allow for any skirting. An M6 x 25 concrete wall anchor is fixed through the Ladder into the wall.

Seismic Floor Anchor— Concrete Floor



The Seismic Yoke fixes to the Ladder, the Yoke fixes to the Seismic Tray, the Tray is then fixed to the floor. 8mm holes are drilled into the concrete and fixed with a Washer and Dynabolt.

Seismic Floor Anchor— Timber Floor



The Seismic Yoke fixes to the Ladder, the Yoke fixes to the Seismic Tray, the Tray is then fixed to the floor with a 10G Wood screw, differing lengths allow for Carpet.

Other Wall or Floor Types

If you have a wall or floor type not listed here such as a Raised Access Floor system, let us know so we can advise an appropriate fixing type.