



## YOU MUST REVIEW CONTENTS OF YOUR DELIVERY WITHIN 24 HOURS OF RECEIVING YOUR PRODUCT

Please let us know if any components are missing or damaged.  
Review your order details using your sales order or invoice document.

### BASE OPTION

#### \*SHOULD CONTAIN\*

This detail would have been selected at point of order, please check which base you had selected and then install as we have detailed in the instructions. If you have not ordered your display case as "customer to silicone fit" you would have received one of the following base options either fitted to the unit or packaged separately:

- VHB tape
- Discrete rubber strip foot
- Aluminium channel
- Or you have opted for a glass base which will be UV bonded to the unit with circular bump feet to ensure the glass is not touching your existing worktop.

### SLIDING DOORS

#### \*SHOULD CONTAIN\*

- Top door channel UV bonded to unit
- Base door channel packaged separately with double sided tape on the base for fitting to your worktop.
- 2 x Glass door panels
- 2 x Plastic handles which should be on the doors.
- 4 x Door Buffers
- 4 x Grubscrews fitted in total, 2 in the base track and 2 in the top track.

### LED LIGHTING

#### \*SHOULD CONTAIN\*

- Plug
- Driver
- Dimmer (optional) which will be in an electrical box that will have the driver installed and the receiver if you have opted for dimmable lighting and a remote control.

If any of the above is missing, we do not advise use of the cabinet until you have all the correct components.

If you use the display case without any of the above or remove any of the components, we are not liable for any damages if any.

## Intro

The glass display case has been built in our factory ready to be used no assembly needed. All our display cases are UV bonded together except our self-assembly display case which will arrive as separate panels, brackets and instructions.

The construction of the glass display case allows easy installation by a competent tradesperson with experience handling glass. The following information reinforces common guidelines but also includes information specific to Futureglass products.

Please take a few moments to read these instructions and train users to get the most out of the display case before installing or using the glass display case.



# Critical Handling and Installation Instructions

## DO NOT

- DO NOT** remove the display case or any components from the pallet or delivery vehicle until the installation or storage area is clear of anything that could damage the unit.
- DO NOT** use a blade, scissors or other sharp tools or object to open packaging.
- DO NOT** lean, push, sit or stand on the unit or components sent to you.
- DO NOT** lift or move the display case alone, Units must always be moved with 2 or more people.
- DO NOT** pull or drag the display using the side panels or the top panel when lifting or moving the display unit.
- DO NOT** force the display case to fit into a recess, channel, or space because the pressure will inevitably damage or break the display.
- DO NOT** move the unit if the doors are in the door channel, you must remove the doors and the base channel before moving the unit.
- DO NOT** move the unit if it is fixed in place. First, remove it from your worktop and detach whatever fixing remains on the display case. Once you have moved the unit, you can reinstall.
- DO NOT** use glass suckers or lifting tools when lifting or moving the unit unless you have been advised by one of our team members.
- DO NOT** place heavy objects, hot pans/equipment or any sharp objects on the unit.

## DO

- DO** inspect the glass for any visible defects, cracks, or chips before fully unloading your glass unit.
- DO** plan out your lift and route to your installation or storage area by considering walkways, people and other obstacles.
- DO** clear and pad out the installation/storage area before placing any glass on the area. Once installed you can remove all the packaging.
- DO** use our packaging to help manoeuvre the display case and protect the glass from damage from hard flooring or worktops.
- DO** lift the display case with 2 or more people evenly distributing the weight of the unit.
- DO** move slowly and carefully whilst carrying the case.
- DO** carry the display case upright and avoid twisting or tilting the unit excessively to prevent any stress on the glass.
- DO** set the case down gently on the prepared surface to avoid impact or pressure on the glass.
- DO** use a suitable non-abrasive glass cleaner.
- DO** replace any damaged glass with that of identical specification.



### Positioning considerations

Place the unit where you can access all surfaces of the glass for cleaning.

Place the glass in a position where it is secure and free from obstruction or the chance of getting knocked or bashed into.

When installing one of the following base options will apply. This is to prevent the unit moving during normal use and to keep the unit in one place if a breakage should occur.

Base Options:

- Customer to silicone fit
- VHB very high bond tape
- Discrete rubber strip foot
- Aluminium channel
- Glass Base

### Standard Display Case

- Clear the area where the unit is to be installed/stored and put clean cardboard, blankets and or other packaging material down to prevent scratches and or chips. Any damages inflicted to the glass can weaken the overall unit.
- Do not stand the glass on the end panels or corners.
- When lifting and positioning the unit, lift in one clean movement with the appropriate amount of people.
- Lift and lower the unit to reposition, never drag or swivel the unit.
- Avoid pulling on the end panels when lifting.
- Use the front and side panels, and especially in the case of the longer units, share the load from 4 points (2 or more people as appropriate).

### Display Cases weighing more than 60kg

Lift and move the display case using the above information however, you must follow the below instructions to ensure that the heavy display is lifted appropriately.

For heavier display cases consider, using a dolly, trolley or glass suction cup lifters and never lift the unit using the top panel. If you are unsure about lifting something this heavy or the size is too large, consider hiring professionals to move this safely. We do offer installation, but this must be arranged before the order is processed.

### Prep for the lift

- 2-4 people will be needed to share the load evenly, depending on the size of the display case.
- If you use glass suction cup lifters to assist you with the lift, you must only fit them to the side panels, and front panels, ensuring they're properly fixed to the glass, never lift the display case by or using the top panel when you're lifting or positioning your display case at any point. Do not use lifting strap they focus too much weight on one or more panels, and this can break the glass and bond as well as the possibility of them slipping off when in use.
- Be cautious of narrow spaces, sharp corners, uneven floors or trip hazards.
- If the distance is far or you believe the unit will be too heavy to get the location in one lift, use a stable, padded surface to rest.

## Lifting

- Hold the glass firmly on our suggested lift areas which are underneath the side panels and the front panel, slowly tackling one end of the cabinet to set it down removing your hands and then slowly lifting the other side into place.
- Always keep the display case upright and avoid tilting or twisting the unit whilst moving it.
- Bend your knees and keep your back straight, lift with your legs, not your back to avoid injury.
- Count to three with your team and lift all together slowly and steadily.
- Bending your knees slowly lower the display case into place. Do not drop or let it hit the surface hard.
- Inspect the glass and bonded edges again for any signs of stress or damage after placement.

## LED Lighting Instructions and Care

- Ensure the cables are routed safely and cannot be pulled on, tripped over, cut or damaged in anyway.
- Place the driver in a dry area, the driver and the other connections are not waterproof.
- Connect the display case to the driver unit before plugging into the mains and turning on.
- Once all is connected, please test the LED lighting to ensure they light up correctly, if there is an issue, please tell us right away.
- Adjust brightness if you're using a dimmable controller.
- Organize and secure any loose cables using cable ties or clips once you're happy with where you have installed the display.
- Wipe the LED channel/extrusion clean using a damp cloth.
- Do not spray the LEDs with any cleaning products especially do not use any bleach-based products to wipe clean.





## Installation

You must make sure that your existing worktop is clean, dry and free of dust, grease or debris before completing the installation to fix the base of the unit in place.

After positioning the display case in your desired location, you must secure the glass display cases base to your worktop. We provide the below options:

**Customer to silicone fit:** Using a silicone adhesive to secure the glass to the counter. Start by using plastic packers to level the glass, then apply a high-quality adhesive sealant, such as Soudal Crystal, to fill any gaps between the glass and counter once this has set, apply a second layer around the edges, both inside and outside, to create a strong seal. Leave the silicone to cure for the time recommended by the silicone manufacturer, avoid moving or adjusting the display case during this period.

**VHB tape:** The VHB tape will be fitted to the display case in our factory so it will arrive to you already on the display case base. Put your unit in position without removing the backing of the tape, once in place gently tilt the display case to gradually remove the backing and gently put the display case firmly in place to ensure it is adhered. We would recommend applying silicone to the inside and outside edges to stop crumbs or dust from sticking to the edges of the tape.

**Discrete rubber strip foot:** The discrete rubber strip foot has been fitted to the display case in our factory, it will arrive to you already on the base of the unit. Simply position the display case on to your worktop and the rubber foot will resist the unit sliding on the surface.

**Aluminium channel:** The aluminium channel will arrive to you either fitted to the base of the display case or will be packaged separately. You must decide if you're fixing this in place using silicone for the base of channel or if you're drilling into your worktop to fit the channel.

If you're drilling, you need to mark out your drilling locations into your work top and then your channel. You must drill the holes in your worktop to a suitable depth for your screws.

You will then need to drill countersunk holes into the base of the channel which will be your fixing points for your screws.

Once complete place the aluminium channel back in position and secure it to the worktop using your screws to fix down.

Make sure the screws sit flush withing the channel, ensuring they do not protrude above the surface.

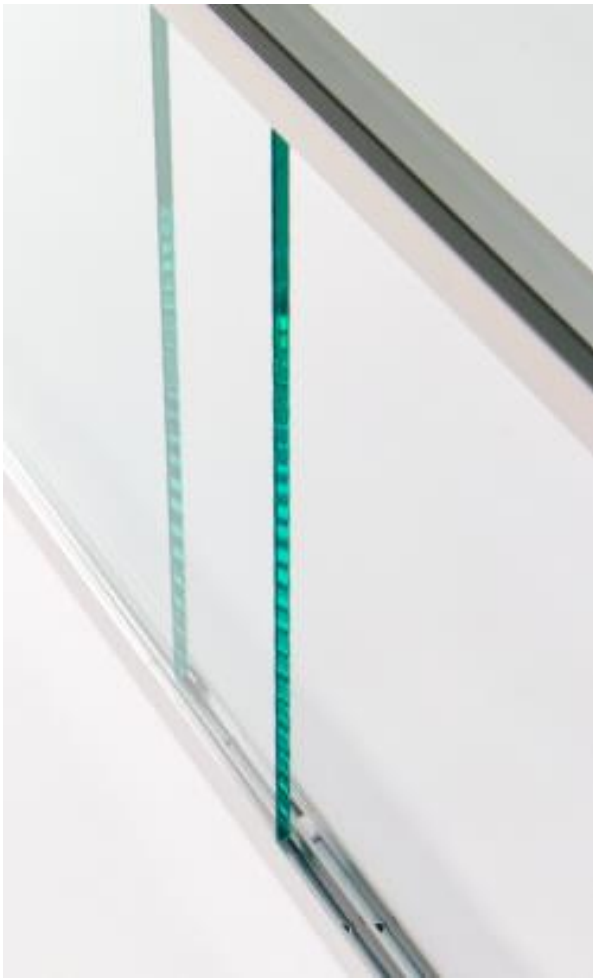
Insert the supplied plastic packers into the aluminum channel, placing them over the screw heads. The packers will prevent the glass from sitting directly on the screws and ensure an even surface for the glass to rest on.

Carefully place the glass display case into the aluminium base, ensuring it is evenly supported and securely positioned in the channel. Do not force the unit to fit, if there is an issue or resistance, call us.

Using silicone as mentioned above use this to seal the glass inside of the channel which will prevent the unit from moving inside of the channel, the channel will have tolerance, so the glass is not under pressure when things expand or twist, the silicone makes a gasket of this.

## Glass Base:

The glass base will arrive UV bonded to the glass display case. The glass base will have round rubber feet stuck to the underside so that the glass is not sitting directly on top of any surface to avoid scratches or any other damage. The edges of the display case around the glass base must be sealed using silicone as instructed above.



## Sliding Door Installation

We suggest installing the doors after the display case is installed so that the base channel is not a hazard to the installation of the display case.

The lower wheel rail door channel must be located beneath the horizontal top door channel which has been UV bonded to the display case to ensure the doors will fit perfectly vertical to top door channel

Secure the lower wheel rail door channel to your work top by positioning then lifting to remove the double-sided tape underneath the door channel.

Lift the first glass door up into the top door channel, then gently without forcing the glass, drop into the corresponding lower door channel. If there are any issues with the door not fitting, please contact us.

Repeat for the second door. The doors should overlap by approx. 50mm.

Test the smooth running and that the buffer seal strip does not fowl the door on the track. Also, that the doors move smoothly and do not bind at any point. Ensure that all users are aware to be careful of this.

The slamming of the doors open will put pressure on the end panels and has a risk of damaging the door or the unit. If the unit is not secured by the base along all its base contact areas, then this could have the effect of pulling the

side out and putting pressure on the bond. It is possible it could lead to a failure of the glass and or the bond. It is extreme misuse that would cause this.

## Use

Ensure that all those who use the cabinet have read the instructions below.

All 4 white door stops (grubscrews) that have been drilled and fitted inside of the base and top channel in the corners must always be fitted to the unit, if they are removed, damaged or go missing you must have them replaced. Do not use the doors without these, they are there to resist the doors from hitting into the glass side panels.

Doors can be slid gently, and we provide a buffer seal strip. The buffer seal strip is not intended to act as a cushion, but a seal to keep contents fresher rather than act as a door stop.

Door Handles to assist with careful movement to control the doors, do not flick or let go of the door when using the sliding doors.

## Maintenance

Replace the buffer seal strip if it shows signs of wear or is deteriorating. Its performance is critical in keeping the unit functional and safe (not shown in image).

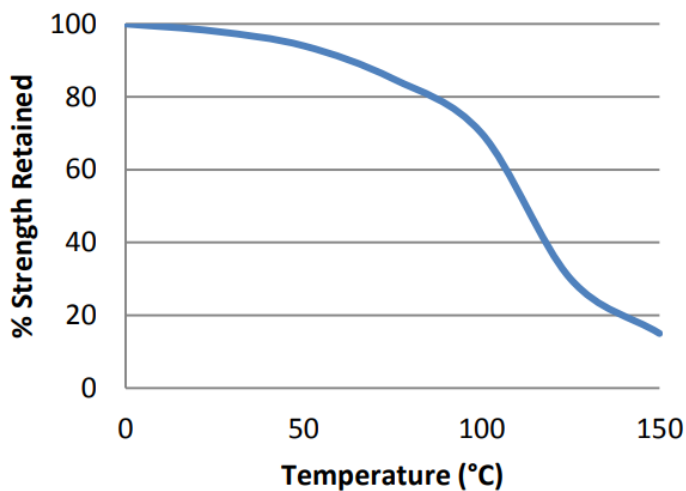
## Hot and Cold Temperatures

The glass should not be exposed to extremes of heat and cold. Slow heat growth is acceptable and keeping the unit below 80 degrees for 80% of its strength as per the graph. Covering a Bain-marie with room above for steam to escape and not allow for condensation to form is important. Exposure to prolonged steam will shorten the life span of the product.

Temperatures of -8 can be withstood without strength loss. Chilled cabinets are compatible with the unit's long term. Frozen displays that do not produce condensation are also acceptable uses.

If you have a belief that this is not acceptable, then please contact us to discuss alternative constructions and adhesives.

### Hot Strength



*"Hot strength" shear strength tests performed on glass to mild steel. Fully cured specimens conditioned to pull temperature for 30 minutes before testing at temperature.*

## Material care

Clean the glass with a soft nonabrasive cloth – preferably tissue, and a quality glass cleaner. Ensure that the cleaner and or water is never allowed to dry on the unit as this will leave marks which can be difficult to remove.

Tissue is preferred as it is always new and clean. Do not let the tissue stand on a surface where it may collect grit such as the floor. Tissue removes dirt from the unit and is mildly abrasive to dirt without damaging the glass. It also absorbs the cleaning fluid so leaves virtually no residue behind.

Cleaning prevents grit on the glass which when items are placed on and dragged leads to unnecessary scratching for the glass. Common examples may be bags that are on the floor and then have grit embedded and are then dragged. Similarly, boxes from deliveries too.

The glass supplied is toughened to BSEN12150 (the replacement for the old BS 6206 Standard) for safety. To maximize this safety, please follow the following precautions.

Do not leave the unit sat in water or with cleaning chemicals on it. It may affect the integrity of the bond over time.





**In the unlikely event of breakage:**

Ensure that you are happy to remove the glass and have the appropriate Personal Protective Equipment (PPE) such as gloves and goggles and that the entire area is clean and free from all glass.

If the unit is held together, then the use of a strong adhesive film or packaging tape will hold the broken pieces together.

Do not reopen the food serving until the area is certain to be free from glass particles, we high advise that you do not continue to use your display case if it is damaged. Contact us so we can advise or plans to replace your damaged display case.

**CALL US AS WE WANT YOU TO HAVE AN EASY,  
SUCCESSFUL AND LONG SERVICE FROM YOUR PURCHASE.**