

the upright coldframe assembly instructions

an upright coldframe assembly video can be found at https://www.gabrielash.com/pages/self-assembly-support

Dear Customer,

Congratulations on your Gabriel Ash purchase.

Please read ALL these instructions before assembly.

The assembly of your new coldframe requires no technical knowledge. However it is important that the assembly instructions are followed carefully.

Base Notes

It is recommended your coldframe is fixed onto a suitable base and against a wall or fence.

The following options are available:

- Single Brick Coarse
- Concrete Slab
- Solid and Level Flagstones

Fixing the Coldframe

Check that the structure is square, ensuring dimensions across diagonals are even, before securing to the base and wall.

When fixing the structure down to a brick plinth or concrete base, we recommend 2 fixings through each side panel at points that will hold firmly into the base, i.e. into the solid brick rather than the brick joints.

Use a 9mm HSS drill bit to drill through the timber cill. Drill into the brick, concrete or flagstones using an 8 x 150mm masonry drill to a depth of 110mm from the top.

Using four of screw type SC057 and FX200 supplied, fix the structure to the base.

Assembly

When fixing many of the components to the timber panels, pre drilled holes can be found to correctly locate fixings.

Your Gabriel Ash product is constructed using only the best grade of Western Red Cedar, which is a unique timber, with unique properties.

Naturally occurring extractives in the wood make it very resistant to fungal decay and insect attack. However, these natural preservatives also have a very corrosive effect on some metals.

For this this reason, only solid brass or stainless steel fixings should be used, which are supplied in the assembly kit.

Any other screw types i.e. zinc plated or yellow passivated will over time corrode and must NOT be used.

Unfortunately, both brass and stainless steel fixings are relatively soft in comparison to other screw types, so it is essential that good fitting screwdriver bits of the correct type and size are used to prevent damage to the screw heads.

All Gabriel Ash products use pozidriv screws of 2 sizes. Most fixings are PZ 2, and depending on your product, a few may be PZ 3

Please note that the fixings are POZI head, and not Philips head and the correct bits <u>must</u> be used - PZ 2 or PZ 3.

Generally, because cedar is a softwood of low density, driving a fixing into it is usually easy. We advise the use of a small battery powered drill/driver. When using battery tools, good technique is essential. Have it set on a slow speed, and always ensure that the bit is located properly in the screw head and is in line with the screw. However, if at any time you encounter difficulty driving a screw home, remove it before the screw head is damaged and drill a small pilot hole, before re-fixing. We take great care in putting the various screw kits together, and extra screws are usually included. However, if you encounter any screw head damage during assembly, please contact us, and we will send out replacements.

Glazing Notes

Safety goggles and gloves are required when handling glass.

Caring for Your Coldframe

- Remove greater snow loads from lid.
- Take precautions against snow falling down from for instance a tree or a roof.

Secure door and windows preventing wind damage.

Cedar Wood Information

Cedar is prone to absorption of moisture to attain balance with the surrounding atmosphere.

As a result this moisture can track to the inside of the coldframe particularly in the areas that are subject to the greatest weathering.

Because of the fibre structure of the cedar it will also dry very quickly which often will leave a mark where the extractives have been released.

These extractives are the oils naturally present in the cedar that make it resistant to rot.

As the wood weathers it gradually changes colour, the first stage is the darkening of the wood as water soluble extractives are drawn to the surface. In time this trend reverses and the wood gradually turns silver grey.

Insurance

Please note that insurance companies usually cover coldframes automatically. Contact your insurance company to confirm your cover.











3. Fix Back Panel to Side Panels





4. Fix Shelf Supports





SC305 and WA300

5. Fix Flashing Piece





6. Fix Hinge Halves to Back Panel







8. Fix Door Stop into Door Runner and Fix Door Runner



9. Fit Side Panel Glass and Fix Capping







12. Fit Runner End Caps, Door Catch and Finally Fit the Staging and Shelving

