

# Geo Dome X

THE COMPLETE GUIDE

Keep your order number handy by copying it down here. Your order number is useful if you ever need to get in contact with us at GeoDomeX.

Order Number:

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# GeoDomeX

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# The **Complete Guide** to Your GeoDomeX

Thank you for choosing GeoDomeX! We are excited to provide you with this comprehensive guide, designed to be your ultimate resource for getting the best out of your GeoDomeX. From installation to maintenance and everything in between, we have got you covered.

## **Contents:**

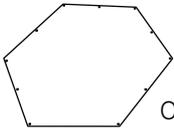
- Unboxing your GeoDomeX
- Step-by-Step Assembly Guide
- Anchoring your GeoDomeX
- Aftercare and Maintenance
- Contact Support
- Important Information

# Unboxing your GeoDomeX

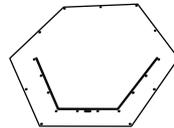
Here you'll find a complete list of all of the components that make up your GeoDomeX. Each panel and strip is numbered, to support easy identification, allowing you to easily switch out panels should you need to.

Use this part list as a reference to ensure you have everything before you get started on assembly. If you find you have any broken or missing parts, get in touch with us at [support@geodomex.co.uk](mailto:support@geodomex.co.uk).

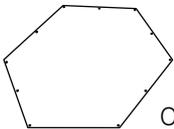
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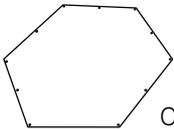
018, 019, 021, 022, 024, 025



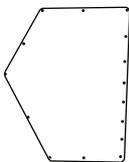
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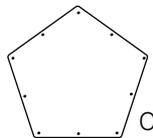
027, 029, 031, 033, 035, 037, 038, 039, 040, 041, 042, 043, 044



056, 057, 058, 059, 060, 061, 062, 063, 075, 076, 077, 078, 079

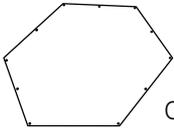


036, 045, 055, 064

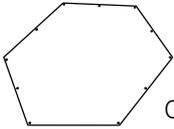


046, 048, 050, 052, 054, 080

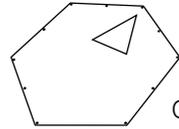
**Box 2**



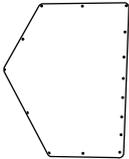
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047, 049, 051, 053, 070, 072, 074



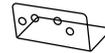
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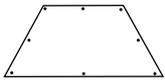
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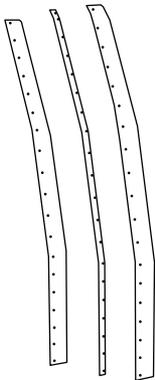
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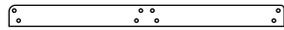
x13



008, 009, 010, 011, 012, 013, 014, 015, 016



A1, A2, A3, A4, A5, A6  
B1, B2, B3, B4, B5, B6



001, 002, 003, 004, 005, 006



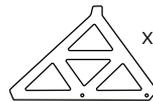
007



x2



x4



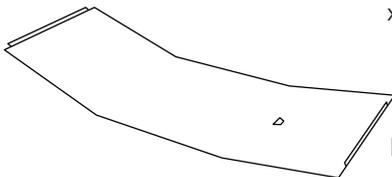
x2



x2



x3



Door



x2

M5

M5x10

M5x30

# Step-By-Step **Assembly Guide**

Scan this QR code to follow along with the indepth **assembly walkthrough**



Scan this QR code to watch the step-by-step **assembly animation**

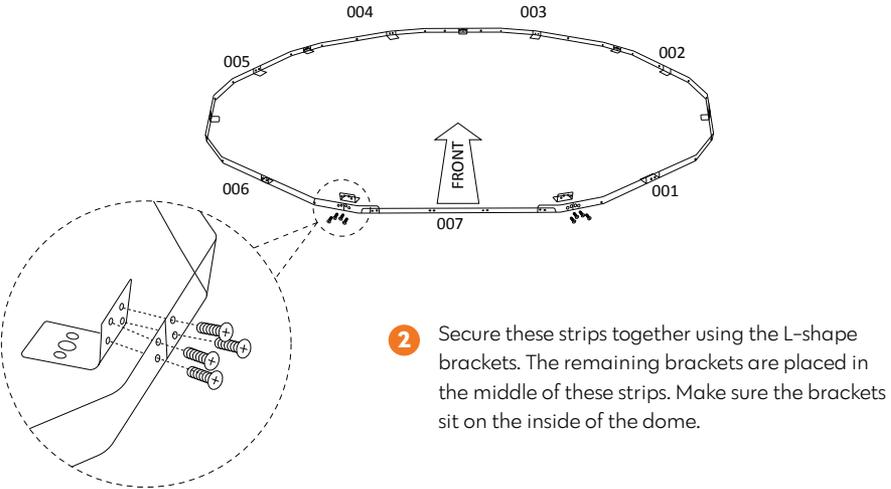
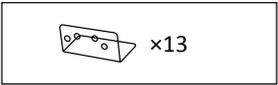
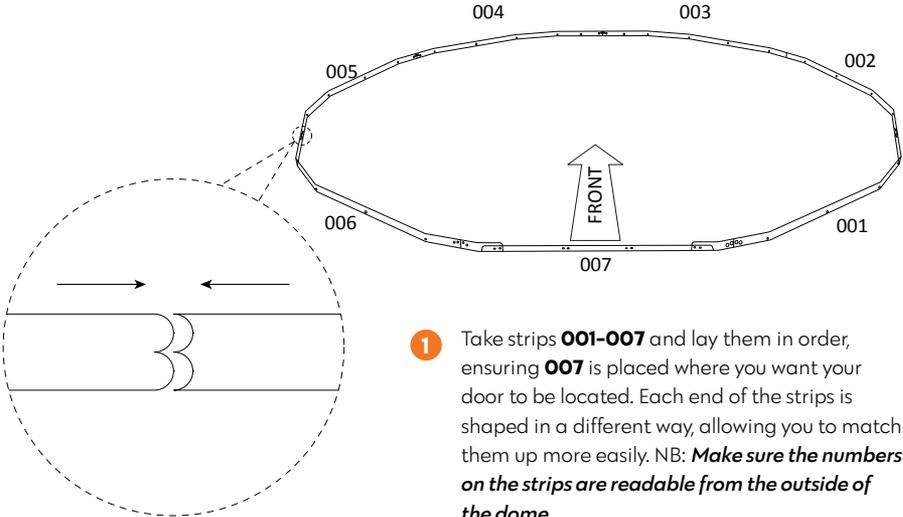
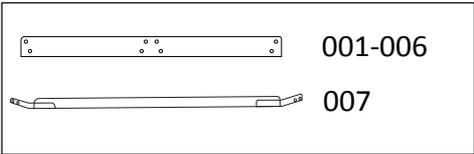


This guide takes you through the process of assembling your dome from start to finish. Each step provides guidance on the necessary actions, the required components, and our recommended tips to keep each step as simple as possible. If you need any support during the assembly, head to the support page or our website to find out how to get in touch with us. We're more than happy to help talk you through the process.

## **Preparation**

- Make sure you have a space of at least 3.55m by 3.55m to build your dome. Ensure that the ground type is completely level to ensure that the door will function correctly.
- Take extreme care when unpacking. Some parts are packaged under tension, so will spring apart when opened. These parts are labelled with a warning sticker. When opening these parts, point them away from your face and other people.
- A stepladder may be useful during the build, so have this to hand before you get started.
- You may find it helpful to layout all the panels prior to starting the assembly. Each panel has a unique number engraved at the top (the numbers can be found at one end of any strips). These numbers need to always be readable from the outside of the dome.
- Screws can be tightened by hand, though we do provide a screwdriver to help you do this. An electric screwdriver can be used, but always ensure you are using the lowest torque setting to prevent over-tightening the screws as this can cause damage to the screw-threads and panels.
- We recommend 2+ people for an easier and faster assembly experience.
- To reduce fingerprints on the panels during assembly, the plastic protection can be removed at the end, just make sure to remove it from the screw holes (on both sides of the panel) as you go.

# Assembly

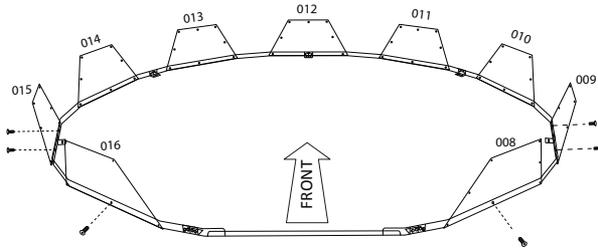




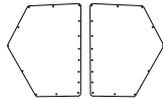
008-016



M5x10



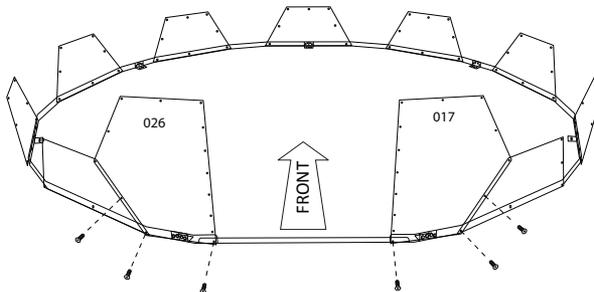
- 3 Taking panels **008-016**, start attaching these in numerical order, starting from the right hand side of the dome and working anti-clockwise. Make sure to only put screws in the holes shown, alternating between one and two screws per panel, to avoid having to remove screws when adding panels in later steps.



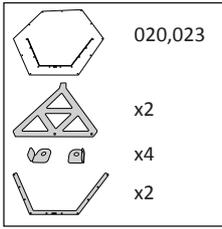
017,026



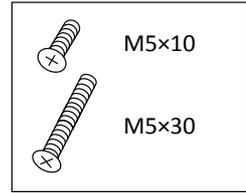
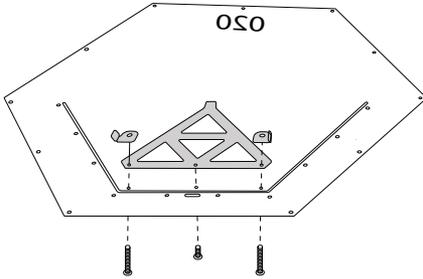
M5x10



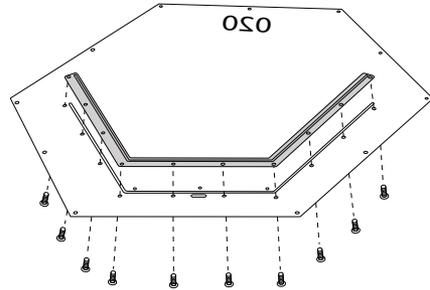
- 4 Attach panels **026** and **017** to either side of the door threshold (007), ensuring screws are only put in the holes shown.



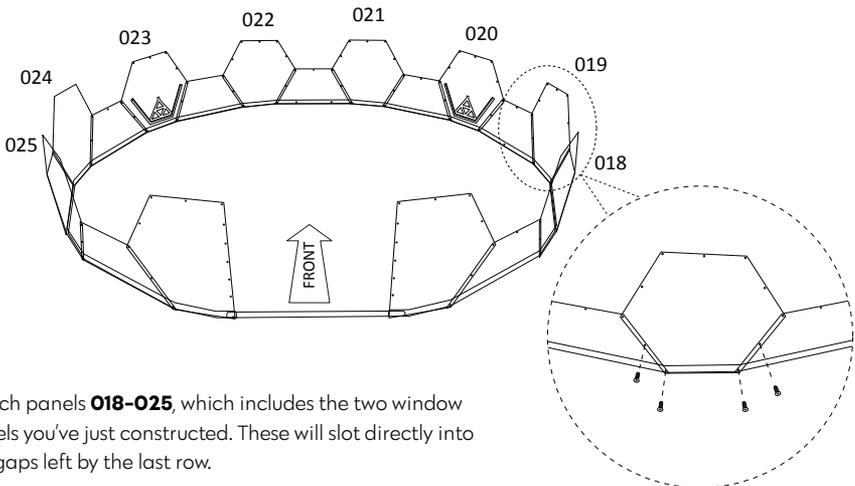
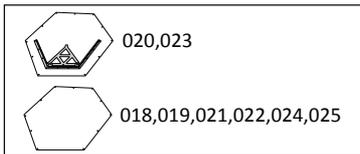
STEP 1



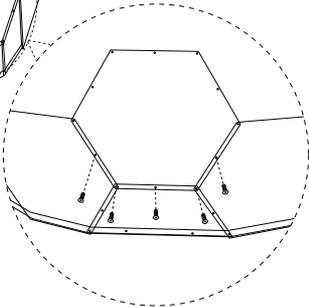
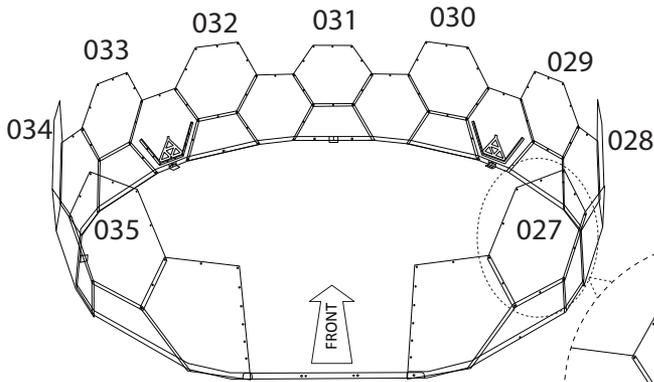
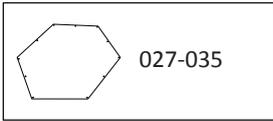
STEP 2



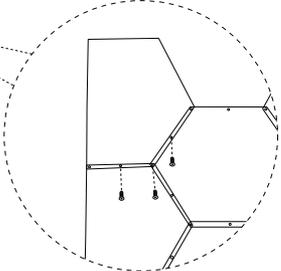
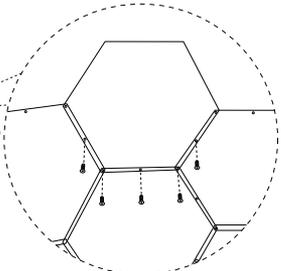
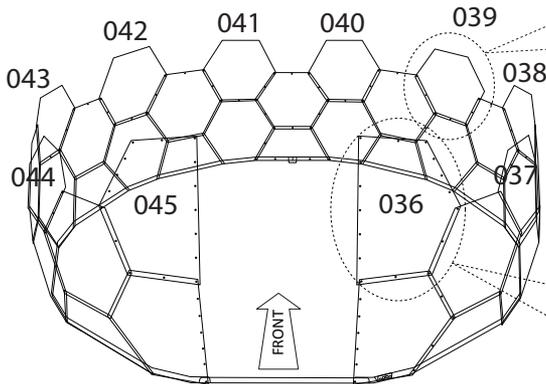
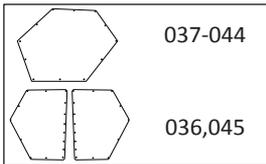
- 5 Prepare panels **020** and **023**, which make up your retractable windows. To do this, stack the components on the inside of the panel so that the window pushes outwards. Make sure to use longer screws where highlighted so you can fit the locking clips on top. Tip: *Don't over-tighten the long screws too much as you want to ensure the clips can twist back and forth.*



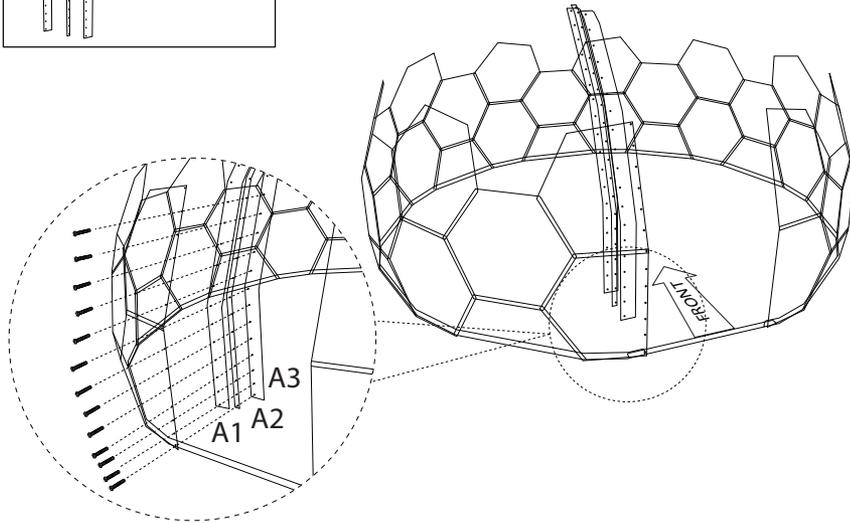
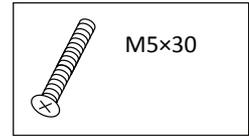
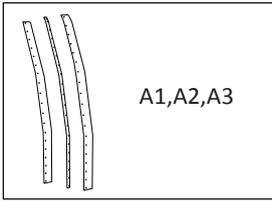
- 6 Attach panels **018-025**, which includes the two window panels you've just constructed. These will slot directly into the gaps left by the last row.



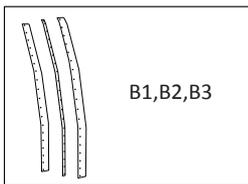
**7** Attach panels **027-035**, continuing in the anti-clockwise pattern as before.



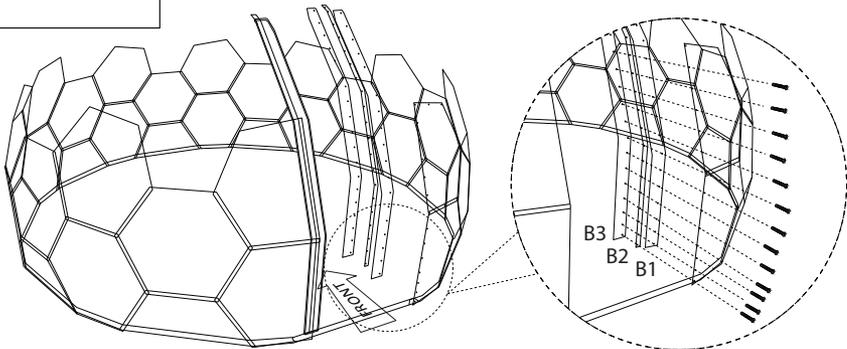
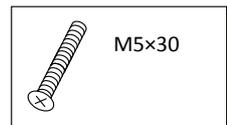
**8** Attach panels **036-045**. Tip: *You may find the walls on either side of the door start to bend inwards. The polycarbonate can bend, but you may find it easier to prop these up to keep them out of the way.*

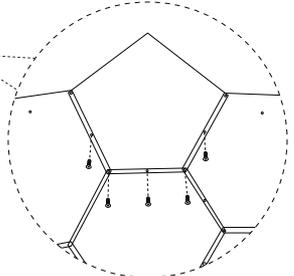
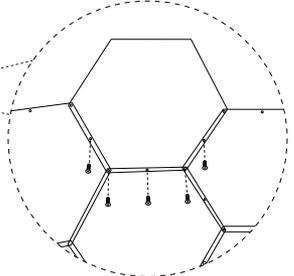
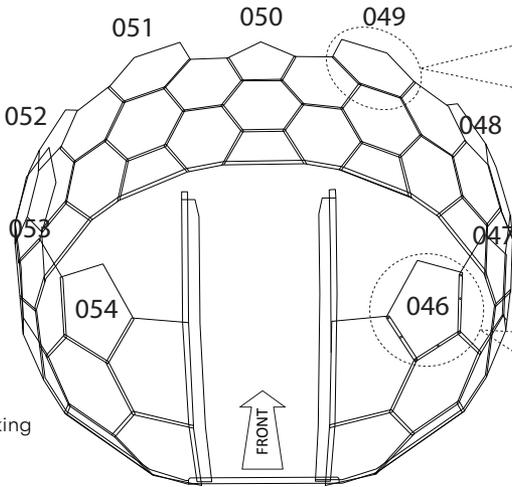
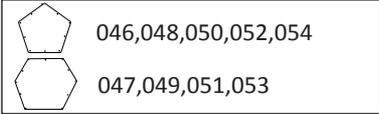


- 9 Select strips **A1-A3** and place them one behind the other with the numbers facing out. With **A1** at the front, attach them to the inside of the left hand-side of the doorway. To make the holes line up, **A1** starts from the second hole up from the ground, so it sits on top of the upright portion of O07. **A2** is slightly longer and so will poke out above the rest. Tip: **Make sure to use long screws here. It may help to attach the top and bottom screw holes first to stabilise the strips before securing the rest.**



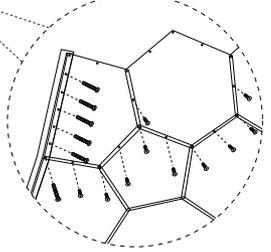
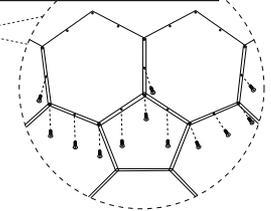
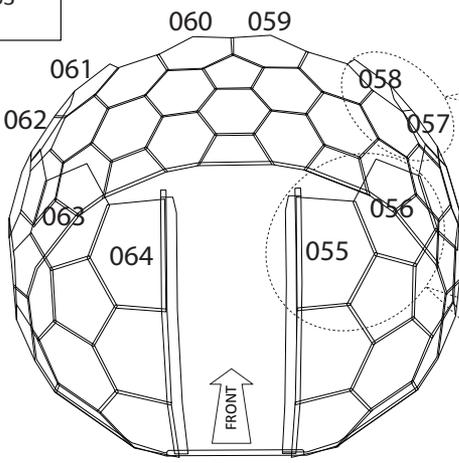
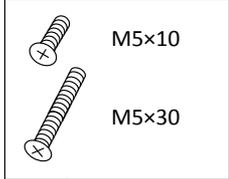
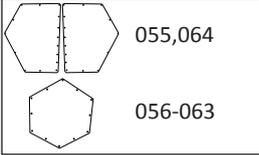
- 10 Repeat this process on the right hand-side of the door with panels **B1-B3**.





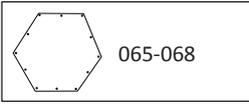
11

Attach panels **046-054**, making sure to attach them in the correct places.

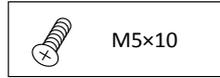


12

Panels **055-064** are grouped in pairs, so make sure you're screwing these into the correct positions. Make sure to use the long screws for any holes that secure a panel to the door profile.

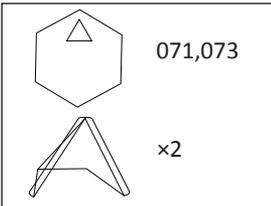
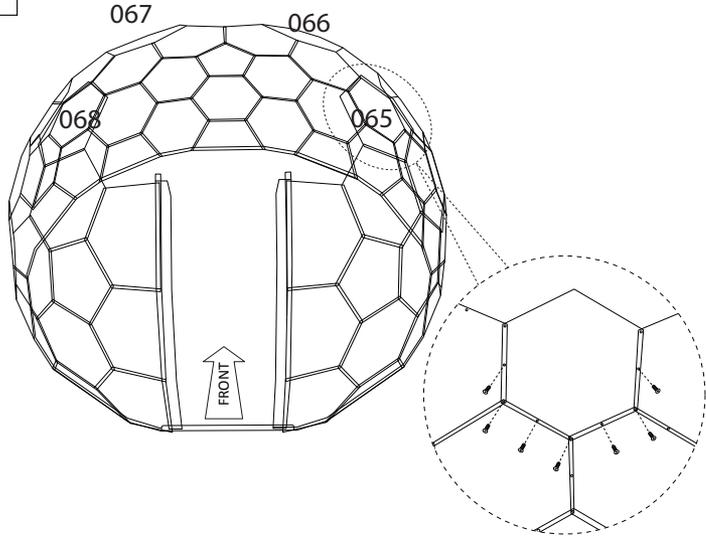


065-068



M5x10

- 13** Attach panels **065-068** where shown.

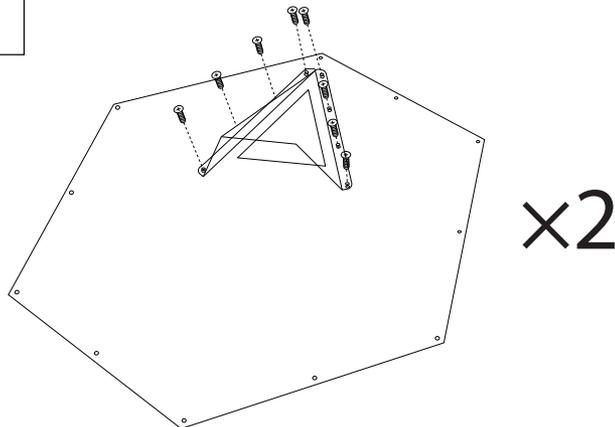


071,073

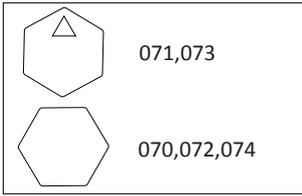
×2



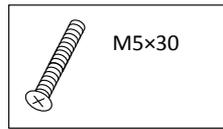
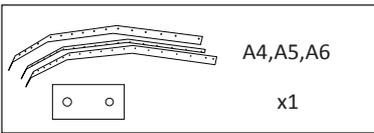
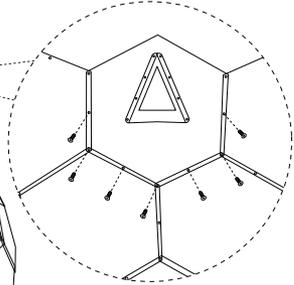
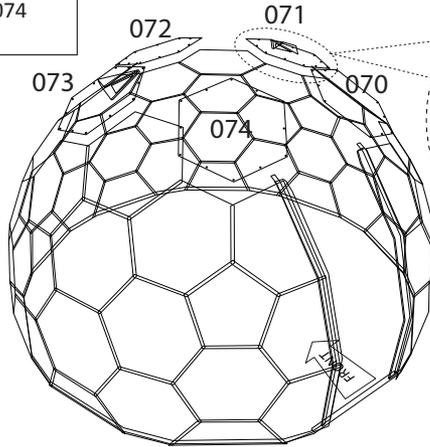
M5x10



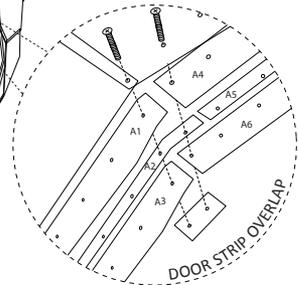
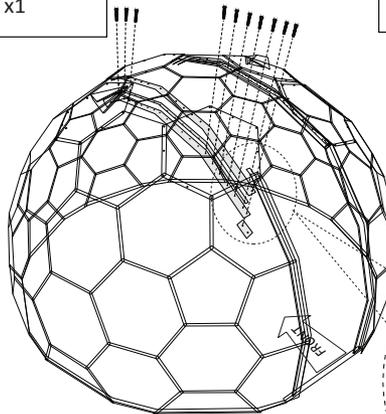
- 14** Prepare your window vent panels, numbers 071 and 073, ensuring you're attaching the vents to the outside of the panel. Tip: **Secure the screws from the top of the vent, working downwards, bending the panel slightly if necessary.**

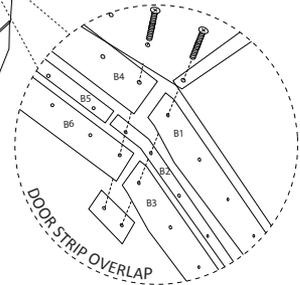
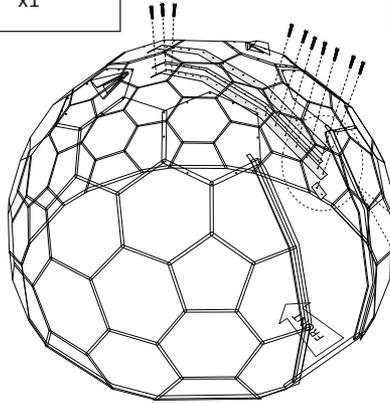
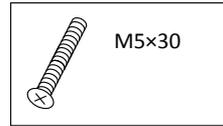
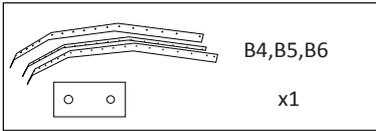


**15** Attach panels **070–074**, including the vent panels you've just constructed.

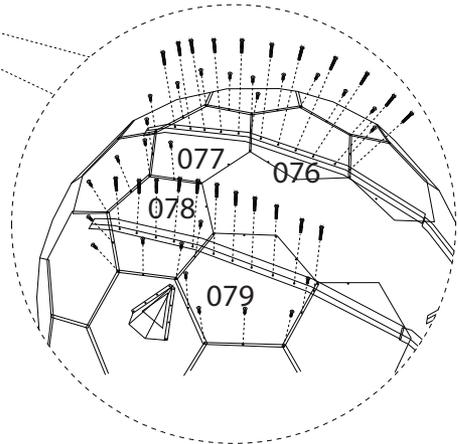
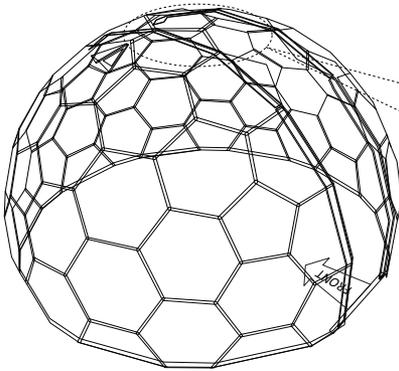
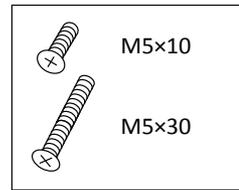
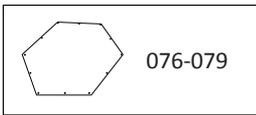


**16** Prepare strips **A4–A6** by placing them one behind the other with the numbers facing out, with **A4** at the front. **A5** is shorter than the others, allowing **A2** to slot in between **A4** and **A6** when attached to the dome. Before securing this overlapped section, add the small rectangular piece aligned with the last screw hole of each strip. NB: **Use long screws here.**

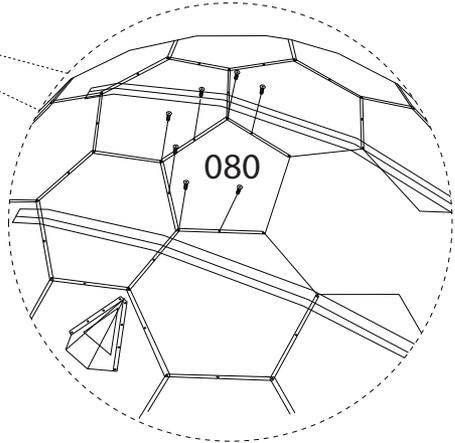
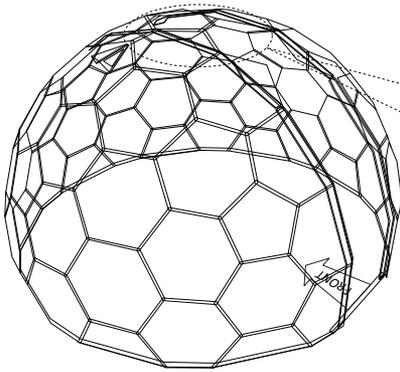
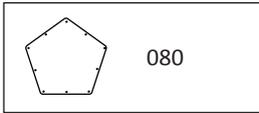




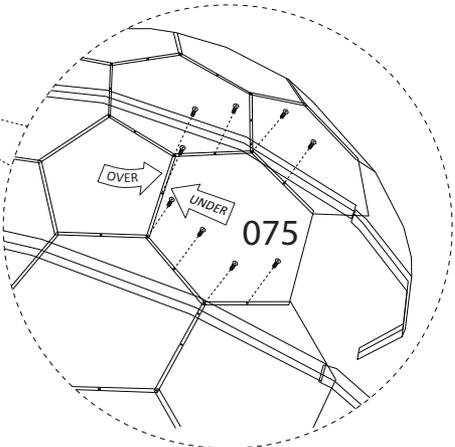
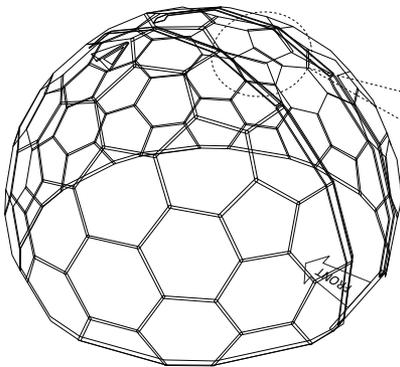
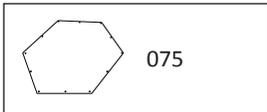
- 17** Repeat this process again on the right side of the door with strips **B4-B6**.



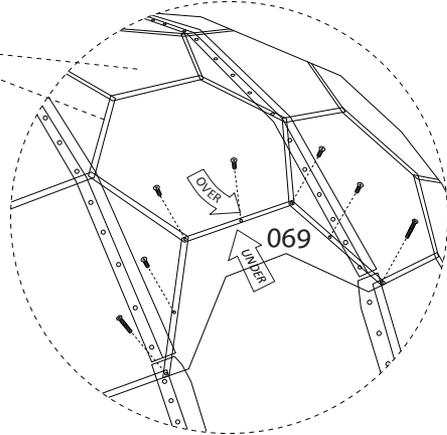
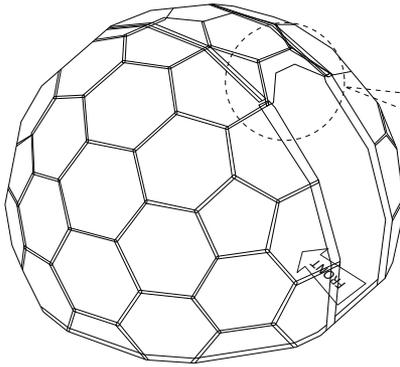
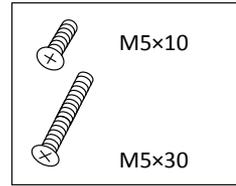
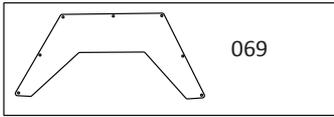
- 18** Add panels **076-079**. Make sure that the panels are placed over the top of the door strips. NB: *Use short screws except where the panels are attached to the door profile.*



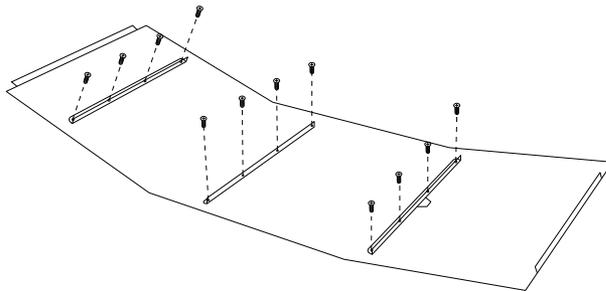
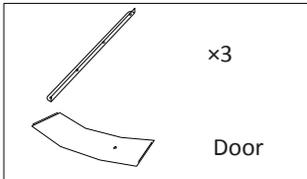
19 Attach panel **080** at the very top of the dome.



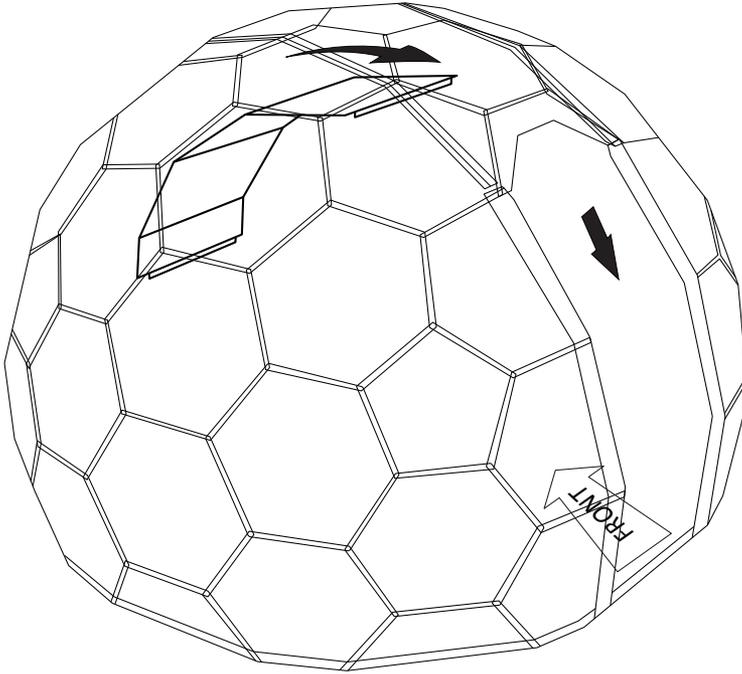
20 Attach your final flat panel, **075**, ensuring the top is slid under the bottom of panel **080**. You'll notice that door strips **A4** and **B4** cover the bottom of two of the holes. Attach a small screw through these holes as normal (you will need to loosen the door strips a little to allow you to do this) and secure with a nut. **A4** and **B4** will cover this nut. You can then proceed to retighten the door profile screws.



- 21** Secure panel **069** to the outside of the door frame, again ensuring that the top is slid underneath the bottom of **075**.



- 22** Prepare the door by attaching the crossbars using the small screws.



- 23 Slide the door in from the back of the dome, pulling it forward and into place. This completes the assembly of your GeoDomeX.

# Anchoring Your GeoDomeX

Once you have assembled your GeoDomeX, the following guide takes you through the step-by-step process of anchoring your dome to the ground. You will need to choose the best anchoring method based on your situation considering your sites ground type and wind conditions. Please note, GeoDomeX will need to be anchored to the ground using one of the following approved anchoring methods in order to qualify for its warranty. If you need any support with the anchoring of your dome, you can head to the support page or our website to find out how to get in touch with us. We're more than happy to help talk you through the process.



Scan this QR code to follow along with the in-depth anchoring video

## Tools You Will Need



Pencil



Tape Measure



Drill or Hammer/Mallet

## Choosing Your Anchoring Method

There are two primary methods to anchor GeoDomeX to the ground depending on your sites ground type and wind conditions. When choosing your preferred anchoring method, consider the location of your dome and the wind conditions it may be regularly exposed to.

The first simply involves screwing it down. This method is ideal for ground types including wood, concrete, composite, paving slabs, tile, etc. You will need screws a minimum of 50mm in length and may need rawl plugs depending on the surface you are screwing into.

The second method uses Heavy Duty Ground Pins which are hammered into the ground. This method is ideal for grounds types like grass and lawns, or compact ground types like gravel or shingle. These can be picked up easily at most DIY stores.

Depending on your base type you will need:

### Grass, Gravel, Shingle

- Heavy Duty Ground Pins

### Wood, Composite

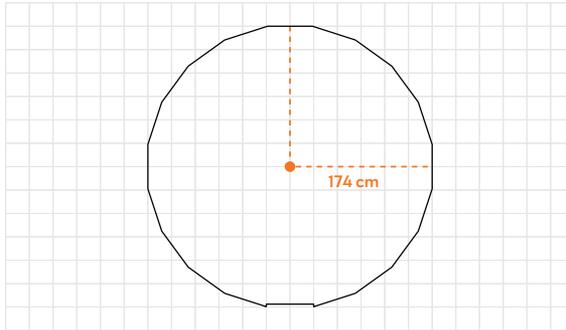
- 50mm+ Screws

### Concrete, Paving, Tile

- 50mm+ Screws
- Rawl Plugs

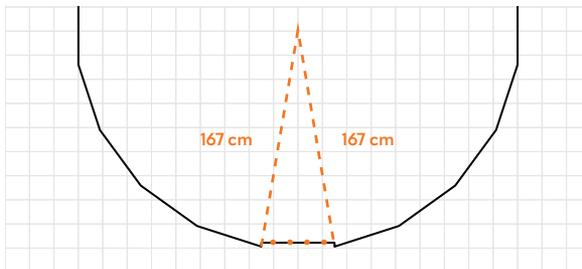
## Step-By-Step Guide

Regardless of the ground type you are anchoring your GeoDomeX to, the following steps remain the same. Note, if you are anchoring your dome into concrete, paving slabs, tile, etc, you may need to drill pilot holes before inserting the screws. Also, be careful ensure the surface you are anchoring your dome to is completely level around the circumference of your base.



- 1 First, locate the center point of where you want the dome to be situated. We do this so that we have a reference point ensuring you anchor the dome in a perfect circle all the way round. To do this, measure **174cm** from the inside edge of the dome, pointing towards the centre. Repeat this from another point on the edge of the dome marking where the two lines meet. This is the center point where we will drive in a temporary screw/pin where we can hook the tape measure onto in the later steps.

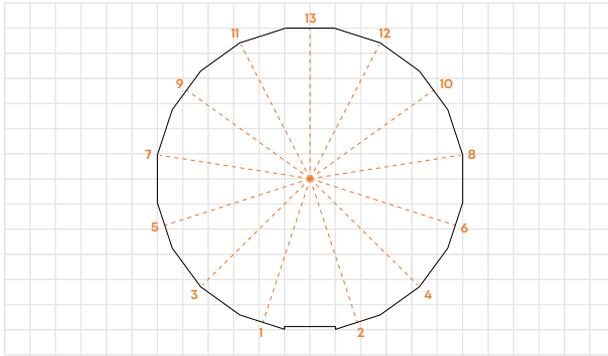
*Tip: If the final flooring of your dome is already laid and you don't want to leave a hole, you can simple make a mark with a pencil instead.*



- 2 Next, we are going to screw the threshold of the doorway down (part number **007**). We do this first so that the doorway is straight and the door functions correctly. To do this, measure **167cm** from the reference point to each side of the door threshold (**007**). Once in position, drive in screws/pins securing this piece flat to the ground.

- Lock the tape measure at **174cm** and swing it around the centre point till you meet the next bracket on either side of the door. The edge of the dome should meet the butt of the tape measure so push the edge of the dome in or out until this is the case. Drive in a screw/pin through the centre hole of the bracket.

**Tip: Only drive the screws/pins in halfway at each bracket, until each bracket is in place, allowing for adjustments as you go.**



- Now repeat this process for each bracket either side of the door. You must work your way around the dome by alternating to each bracket, finishing with the back bracket opposite the door.

**Tip: If for any reason you cannot use the centre hole of a bracket as it lines up with an unsuitable fixing point (i.e. a gap in wooden decking, etc) you can use either of the holes located at the side of the centre hole on the 'L' shaped brackets.**

- Once you have a screw/pin in every bracket, check the dimensions are correct. The left to right dimension should be 348cm, whilst the back to front dimensions should be 341cm. Once correct, go ahead and ensure each screw/pin is completely secure and screwed all the way in. You can now remove the centre reference screw from earlier.

## **Troubleshooting Anchoring Issues:**

If after you have anchored your dome you are finding common issues like the door not functioning correctly (falling out or sticking), or bulges in the domes shape, the following checks should help to solve any issues:

- Ensure the ground is level all the way around the domes circumference making sure there are no raised or sunken areas in the floor affecting the dome's shape.
- Ensure the inside diameter of the dome is 348cm from opposite sides, left to right.
- Ensure the inside front to back diameter of the dome is 341cm.
- If the door is still sliding too freely or is gripping too much, unscrew/un-pin part 007 (the doorway threshold) and move it in or out slightly before re-screwing/repinning. This helps to reangle the door profiles, loosening or tightening the door as needed.

# Aftercare and Maintenance

Looking after your GeoDomeX is easy, with little to no maintenance needed over the years. This guide takes you through all the information you need to know in regards to cleaning, maintenance and care for your dome, ensuring GeoDomeX lasts you a lifetime.



Scan the QR code to watch the **care and maintenance video**

## Prevention

The first step to maintaining your GeoDomeX is prevention. Keeping the space above your dome free from overhanging branches is a simple way to reduce any build up that may occur. We also recommend keeping the windows and doors closed when not in use.

## Cleaning

GeoDomeX can be cleaned easily using a soft micro fibre cloth and a mild detergent. Generally any mild soap or cleaner suitable for windows is best. If in doubt, check the label and ensure the product can be used on plastic, testing on an inconspicuous area of the dome first.

Alternatively you can use a garden hose or a pressure washer (on the lowest setting) to hose down any stubborn marks.

*Never use abrasive cleaners or cloths to clean GeoDomeX as this can lead to scratching.*

## Storing or Relocating GeoDomeX

Whilst GeoDomeX is designed to withstand conditions all year round and does not need to be stored away during the winter, we know that there may be instances where you would want to disassemble or relocate your GeoDomeX to a different location. GeoDomeX can be easily disassembled, following the assembly instructions in reverse. If just moving the dome, it is possible to lift it from multiple points around the base with some helpers, without having to take the dome apart.

# Help and Support

Need some support?

Have a question about assembly?

Need further guidance on the best way to anchor your dome?

No problem!

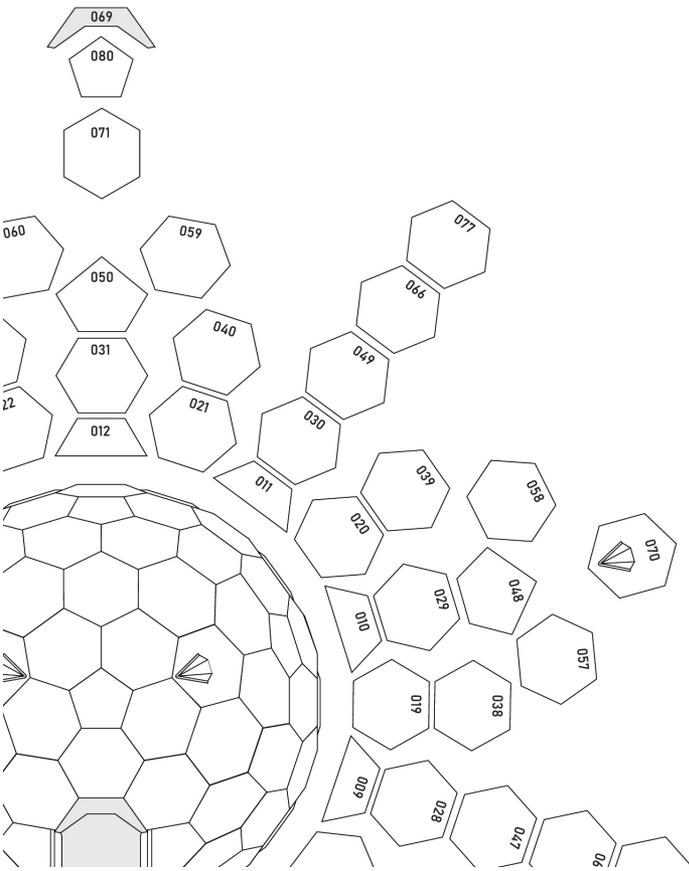
You can get in touch with us in the following ways:



020 3886 1874



[support@geodomex.co.uk](mailto:support@geodomex.co.uk)



# Important Information

## Safety Information

- Do not leave children, pets, or easily flammable items unattended inside GeoDomeX. Only use items and appliances that are specifically designed for outdoor and contained spaces. Please do not use BBQs, open flames, or gas heaters, as these can pose a fire hazard and are not suitable for safe internal use.
- If using the GeoDomeX for extended periods of time, such as overnight, ensure there is sufficient air flow and ventilation.
- Due to GeoDomeX's inherent transparency, take reasonable precautions when using GeoDomeX. Consider marking the panels with visible indicators or introducing other measures to ensure the product is easily noticeable within your environment to prevent any potential hazards.

## Important Information

- Please be advised that it is important to unpack and check the contents of your GeoDomeX product immediately upon receiving it. We cannot guarantee replacement of missing or damaged parts if not notified within 30 days of receiving the product. Any requests made after this period will be at GeoDomeX's discretion. We highly recommend that you inspect your product upon receipt to ensure that any issues can be resolved promptly and efficiently.
- Please note that failure to properly anchor your GeoDomeX to the ground using the approved anchoring methods may result in wind damage. When installing GeoDomeX, ensure all of the brackets are fully anchored to a solid permanent structure to prevent from blowing away. Never leave the dome unanchored, especially in high wind environments. It is important to follow the instructions provided and ensure that your GeoDomeX is securely anchored to the ground to prevent damage.
- GeoDomeX is not responsible for any damage to the site on which the products are installed and this shall be solely the customer's responsibility. It is recommended that the customer assesses their site's individual requirements before proceeding with anchoring, including ensuring that there is no underground media such as water pipes, gas pipes, or electrical cables that could be damaged if screwed into. The customer assumes all risks associated with installation, including any damage that may occur to the site or surrounding area during installation or use.

- Please note that GeoDomeX products are intended as temporary structures and may not necessarily safeguard fully against extreme weather conditions. While we take great care to ensure the quality and durability of our products, we accept no claims, liability or responsibility for any damages or losses that may arise due to extreme weather conditions or other unforeseen circumstances. Customers should take appropriate measures to ensure the safety and stability of their GeoDomeX structures, including proper anchoring and maintenance, and should not rely solely on the structure to protect against weather conditions.
- GeoDomeX is designed as a temporary structure and therefore typically does not need planning permission or building permits to install, however it is the responsibility of the customer to assess the installation site and obtain any necessary permits or permissions before assembling GeoDomeX. GeoDomeX takes no responsibility for any issues that may arise due to the customer's failure to comply with local regulations or special requirements.
- While GeoDomeX panels are designed with a UV protective coating to prevent effects of sun exposure, some natural yellowing over a number of years is a normal occurrence and is not indicative of a defect in material or workmanship. We recommend adhering to our care and maintenance guidelines to preserve the longevity and aesthetic appeal of your GeoDomeX product.
- GeoDomeX does not accept any liability for delays or non-performance of the products in the event of force majeure, act of God, the requirement of any statutory authority, fire, accident, industrial dispute, your failure to obtain any necessary permissions or licenses, or anything deemed beyond our reasonable control. We will make every reasonable effort to meet our obligations, but we cannot be held responsible for any losses or damages arising from events beyond our control.
- GeoDomeX assumes no liability or responsibility for any loss of or damage caused to the products, including during installation and setup. The customer assumes full responsibility for any damages that may occur, and is advised to obtain insurance coverage for the products.
- Customers are responsible for ensuring the safety and security of any items placed or stored inside their GeoDomeX. GeoDomeX assumes no liability or responsibility for any loss or damage caused to items placed or stored inside the product.

- GeoDomeX shall not be liable for any loss, damage or injury arising out of the use of or failure of the equipment or any defect in them save for the liability in respect of death or personal injury, which arises from our direct negligence.
- Save as provided in these conditions and to the extent that the exclusion or restriction of liability may be prohibited by statute, GeoDomeX will not be liable for any loss, damage, or injury caused, directly or indirectly by the products or their use. Your statutory rights are not affected.
- Please note that it is important to review the following links for up-to-date information on GeoDomeX's terms and conditions, returns policy, warranty information, privacy policy, and shipping policy prior to unpacking any products:

**Terms and Conditions:** <https://geodomex.co.uk/pages/terms-condition>

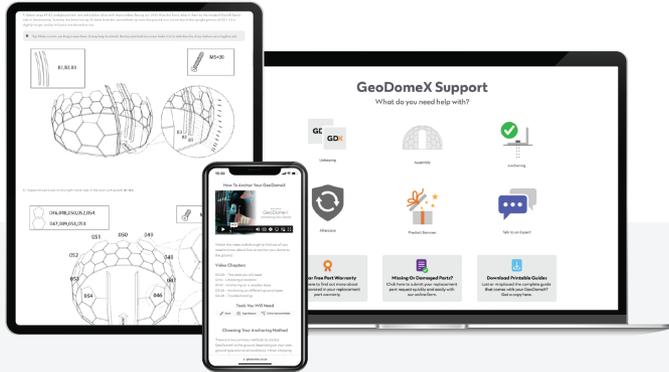
**Privacy and Cookies:** <https://geodomex.co.uk/pages/privacy-cookies>

**Privacy Policy:** <https://geodomex.co.uk/pages/privacy-policy>

**Return Policy:** <https://geodomex.co.uk/pages/return-policy>

**Shipping Policy:** <https://geodomex.co.uk/pages/shipping-policy>

By unpacking and using GeoDomeX products, you agree to the terms and conditions set forth in the above links. GeoDomeX reserves the right to update or change these policies at any time without prior notice.



## Have you visited our **Support Site**?

Enhance your support experience with our digital support app! It's your one-stop destination for all things related to your GeoDomeX.

Unlock a world of resources and tools to enhance your GeoDomeX experience. Dive into comprehensive digital guides, explore in-depth walkthrough explainer videos, access a convenient platform to request replacement parts, discover valuable warranty information, seek expert product assistance, claim exclusive product bonuses, and much more.

Scan the QR code below or visit:



<https://tinyurl.com/GeoDomeXSupport>

# GeoDomeX

THE COMPLETE GUIDE

**GeoDomeX**

20-22 Wenlock road, Suite LP57237, London N1 7GU

[www.GeoDomeX.co.uk](http://www.GeoDomeX.co.uk) | [Info@GeoDomeX.co.uk](mailto:Info@GeoDomeX.co.uk)