SMART GLASS FOR GLASS INSTALLERS

Everything You Need to Know

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New to smart glass? Start at Section 1 for an introduction into how the technology works and its many benefits, so you're equipped to answer questions from clients when they arise.

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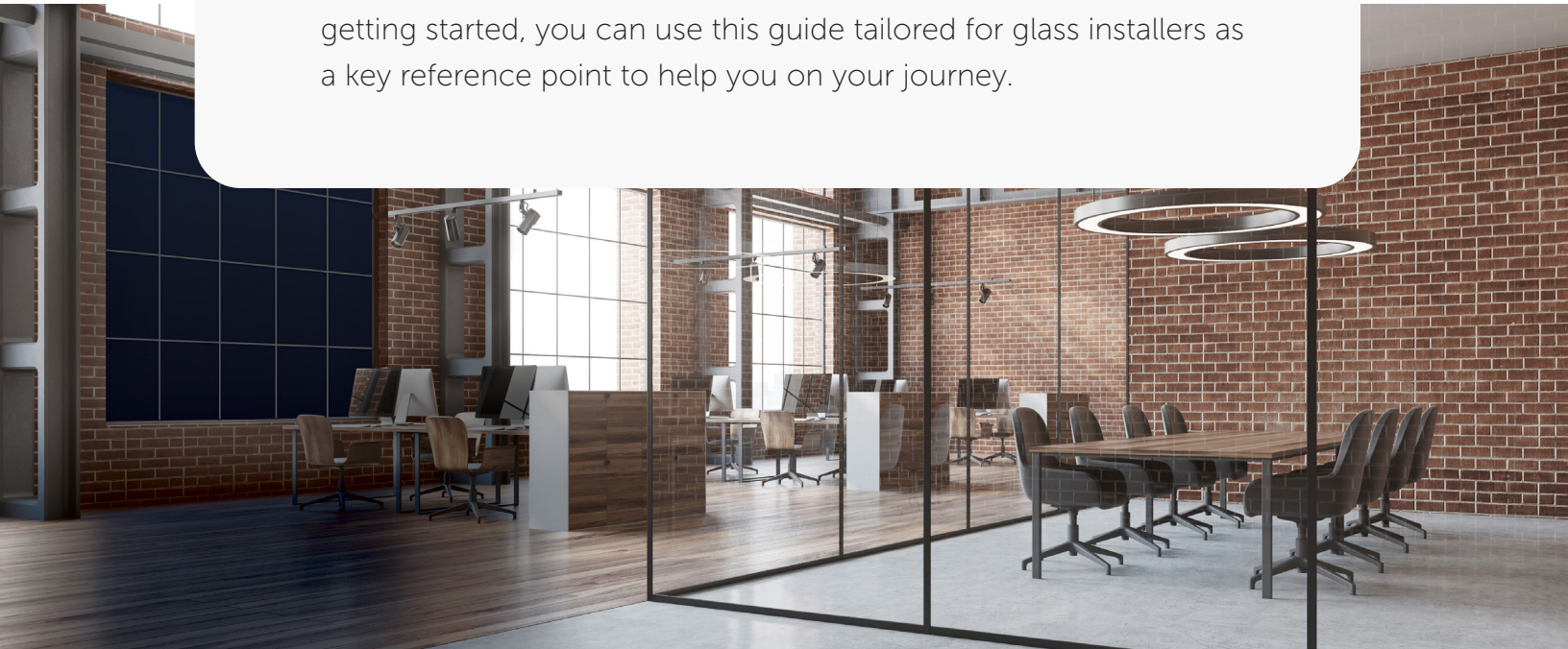
Already know the basics about smart glass? Skip to Section 2 which goes into more technical detail about the installation process, perfect for those who are familiar with the technology.

SECTION 1:What is Smart Glass?

Smart glass technology has changed the way people think about glass in modern architecture. And because of that, it's becoming a staple in new designs. By understanding smart glass technology and mastering the art of its installation, you will be equipped to offer a whole new realm of possibilities to your clients, as well as respond to inquiries and demand for the product. Once you know more about smart glass and have a preferred supplier for it, you will be able to assist clients, provide quotes and get to work with confidence.

That's where Gauzy comes in. World leaders in the development and manufacturing of smart glass technology, we are your smart glass source for products and information. In this guide, we introduce glass installers to smart glass: what it is, how it works and, most importantly, how to install smart glass, going in-depth to provide you with all the tidbits you need to know in terms of glazing requirements. **The good news is, as you'll find in this guide, installing smart glass is easy and you can get started right away.** Whether you've installed smart glass before, or if you're just getting started, you can use this guide tailored for glass installers as a key reference point to help you on your journey.



What is Smart Glass?

Smart glass is also called LCG® (light control glass), switchable glass, electric glass, PDLC smart film and glass that turns opaque. It is based on technologies that allow transparent materials such as glass or polycarbonate to switch on demand from clear to either shaded or completely opaque.

Smart glass consists of a Liquid Crystal (LC) based film that is laminated into a glass stack. Smart glass turns on and off with an electrical current to alter the amount of light transmitted through the glass so that it can appear transparent, translucent or opaque. When the current is turned on, the LC molecules align to form a pattern that makes the glass transparent. When it is turned off, those molecules return to a random pattern, causing the light to diffuse and the glass to become opaque. As a result, the glass changes appearance within a matter of seconds, instantly transforming a space from open to private or back again.

What are the Types of Smart Glass?

There are two primary types of active smart glass technology: Polymer Dispersed Liquid Crystal (PDLC) and Suspended Particle Device (SPD). Each type of smart glass is suited to different applications, for example:

- PDLC is typically used in privacy partitions in various industries across the built environment. It is also used for solar control when using special Solar films, which have the potential to block up to 78% of IR light that causes heat, as well as a projection screen, where it allows glass to transform into a HD projection screen.
- SPD is used in windows that tint or shade, applicable usually in the automotive industry in cars, trains and planes as well as in building facades, atriums and skylights. It blocks up to 99% of light for high performance glazing that can replace traditional shading applications. Familiarizing yourself with these key smart glass technology types will benefit you as you start to discuss the products your customers are looking to install.

The Benefits of Smart Glass

As a glass installer, you may be sourcing smart glass because it was specified in a project, or because a customer asked you for it specifically. But if a customer asks you what you know about smart glass as a highly knowledgeable glass installer, we want you to be prepared with some of its benefits. Here is a quick outline of the many advantages offered by smart glass technology in case you're asked:

Privacy on Demand

Privacy can be created in a matter of seconds in both interior and exterior installations.

Custom Shading

The amount of natural light entering a space can be conveniently controlled.

Easy to Clean

Unlike curtains and window treatments, which attract germs and dust, smart glass is easy to clean and maintain.

Reduces Glare

Smart glass blocks light, reducing glare, which can minimize eye strain.

Offers Views

Smart glass eliminates the need for curtains and shades, which can obstruct views.

Customization

Smart glass can be manufactured in custom sizes and shapes.

Aesthetics

Smart glass is sleek and modern, minimizing clutter.

Easy to Use

Smart glass is simple in both operation and function. It can be activated on voice command, mobile app, remote or wall-mounted touch panel.

Versatile

In addition to being customizable, smart glass can be used in a vast array of applications and settings. It can even be used as a projection screen.

Energy Saving

It saves energy by using natural light and creating low power consumption. It reduces solar heat-gain, lowering energy consumption for HVAC when using solar control variations.

Environmentally Friendly

Smart glass eliminates the need for curtains or drapes, reducing materials consumption while saving on hefty cleaning bills.

Blocks UV Light

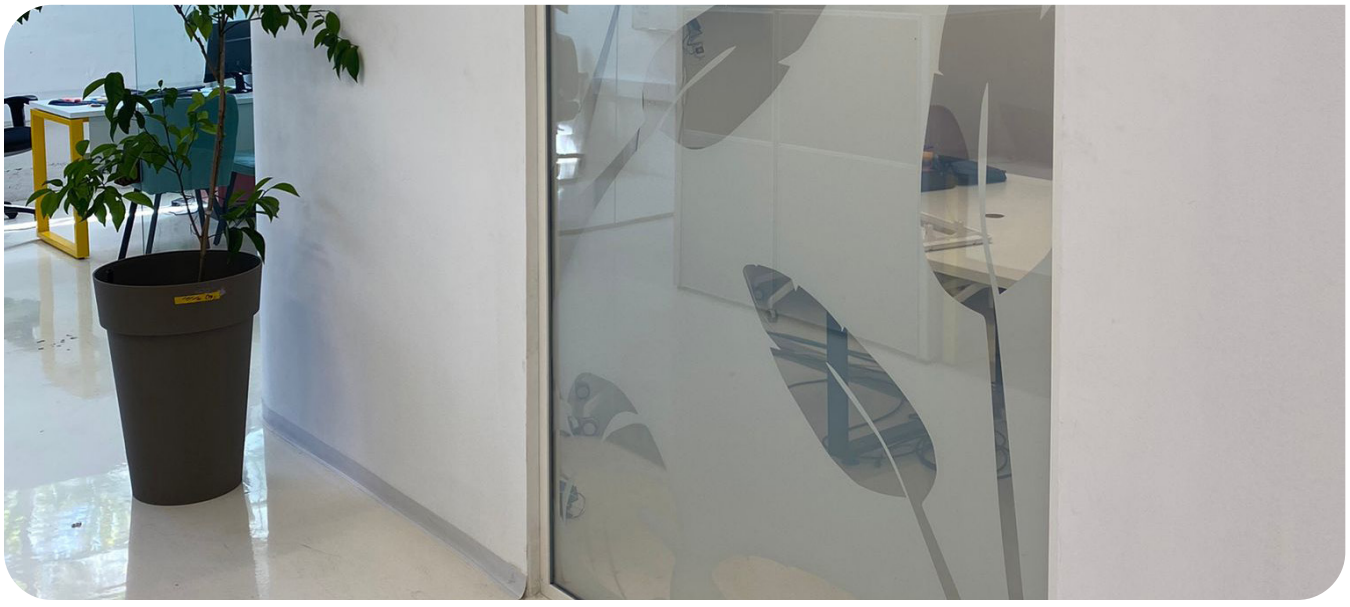
Smart glass blocks UV light, which can damage interior furnishings and fabrics.

Safety & Security

Glass panes laminated with PDLC film meet safety glass standards and can therefore be used in security and hurricane-resistant window applications.

Durable

Smart glass is made from sturdy and high-quality materials, making it long-lasting and resilient, eliminating the need for regular replacements.

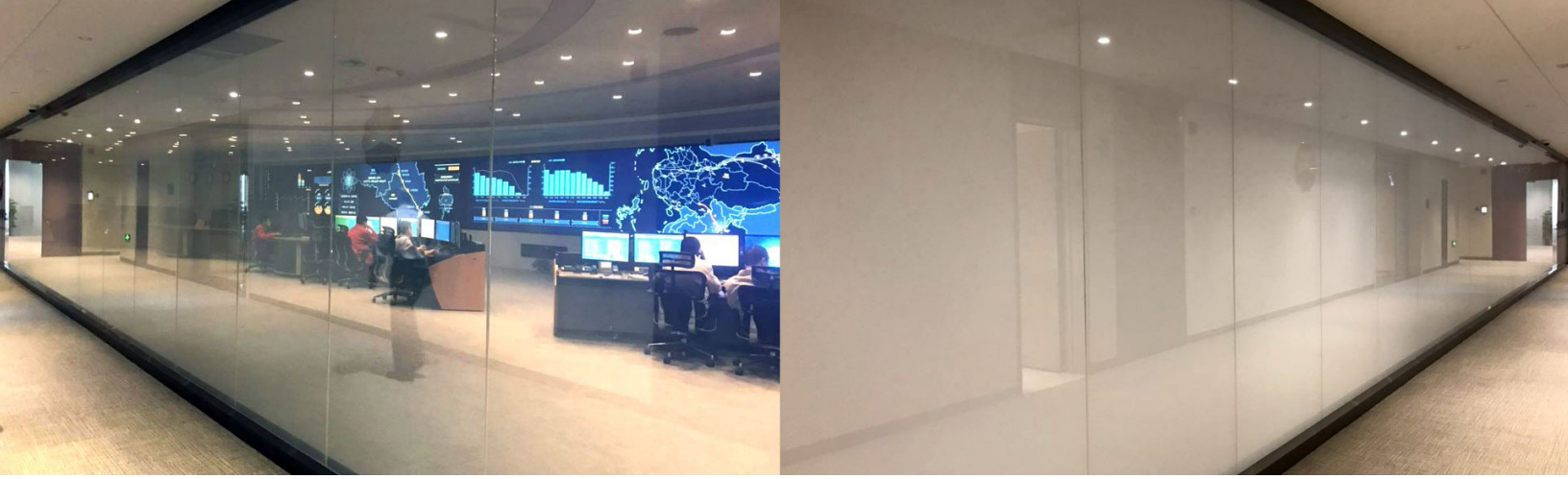


Can smart glass be installed in spaces for different industries?

If you receive a request for smart glass for a specific project in a unique industry, do not shy away! The best part about smart glass is it can be used virtually anywhere regular glass is used, making it the solution of choice in built spaces for several major industries and for many different customers. It can also be used for unique shapes.

Smart glass can be installed anywhere glass is used.

And used by many different customers.



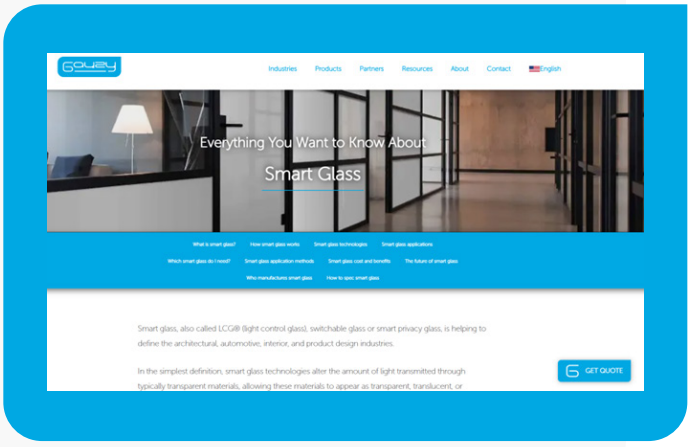
How to Respond to Customers' Demand for Smart Glass: 5 Resources You Need

If you receive an inquiry about smart glass from a property owner, builder, contractor, architect or interior designer, it's important to have a list of resources that you can rely on for up-to-date information. You can also direct your customers to these resources if they would like more information. And above all, you need a trusted source to order smart glass from.

In this section, essentially a "guide within a guide", we offer you the top 5 resources you should keep handy as you learn more about smart glass and offer it to your customers.

1 Smart Glass Guide: Everything You Want to Know About Smart Glass

If you need one resource to tell you everything you need to know about smart glass, it has to be our smart glass guide. We discuss smart glass from A-Z, covering all things from how the technology works to how to specify it into a project. This page is always updated with the latest updates and developments as the technology continues to expand, so it's definitely worth bookmarking it. If you're customers are asking you for smart glass, this is a great resource to direct them to so that they can get more information on the technology. Check it out here.



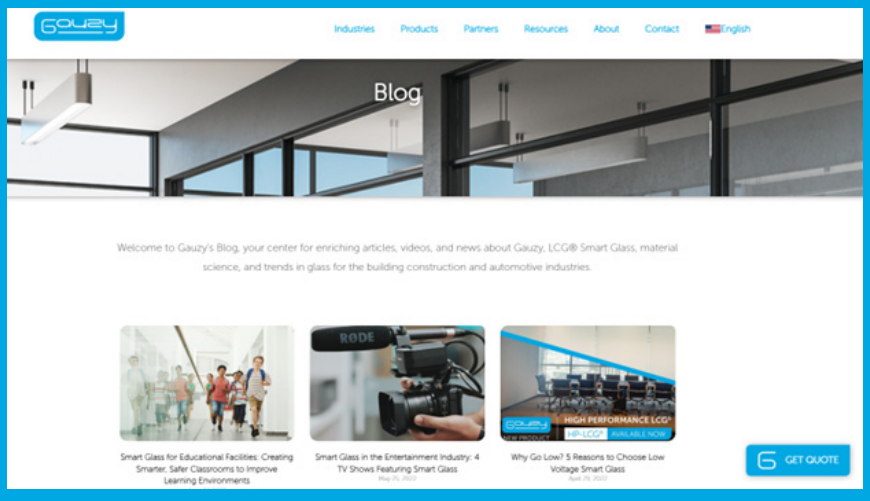
2 The Base, Gauzy's Blog

Gauzy has posted a series of articles on our website that delve deeper into the different smart glass technologies and their uses. These blogs can serve as an easy reference point for you and your customers who want to learn more about smart glass in general or have a specific area of interest. Here are a few to get you started:

- "Liquid Crystal & SPD Smart Glass: What's the Difference?" explains the difference between SPD smart glass and PDCL (Polymer Dispersed Liquid Crystal) in great detail, helping you fully understand both technologies and their best use cases. Watch now.

- Our blog, "What is SPD Smart Glass and the Top 3 Applications in Architecture," addresses SPD (Suspended Particle Device) in particular, including its applications and advantages. It is ideal for shading because it can block up to 99.5% of light, with a switching speed of up to 3 seconds. Watch now.

- Finally, "Smart Glass for Bathroom Enclosures and Shower Doors" explains one of the most popular places for smart glass technology - the bathroom. It's a great example of the types of in-depth coverage you can find on the blog. Watch now.



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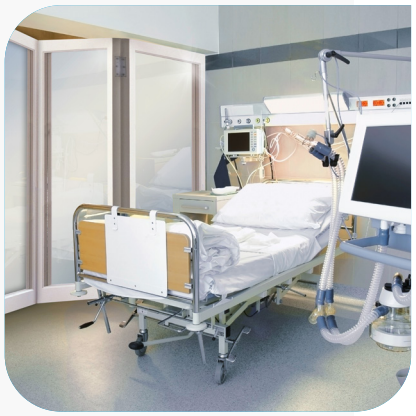
Gauzy YouTube Channel

Smart glass is a truly visual product and sometimes you have to really see it working live in a video to realize its true potential. Make sure to subscribe to Gauzy's YouTube channel to see the latest projects from some of the world's leading brands and applications of the technology. The videos on the channel are also useful to show any clients interested in the technology. On our YouTube, you'll find videos such as:

- 'Everything You Need To Know About Smart Glass in 2 minutes' offers a quick, easy-to-understand explanation of how the technology works. Watch now.
- A Patterned Product Highlight video showcasing one of the most premium and dynamic features of smart glass - laser-etched patterning - in action at a leading healthcare technology company. Watch now.
- Explore how smart glass can enhance conference rooms and offices for the world's leading brands, such as Hilton, in this project highlight video Watch now.



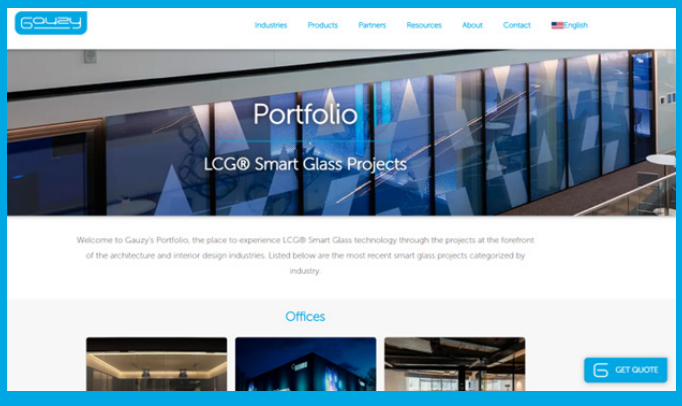
4 Smart Glass Applications Handbook

Check out our Complete Smart Glass Applications Handbook to explore the many different ways smart glass and adhesive smart film can be used in architecture and interior design including windows, doors, bathrooms, skylights, projection screens, office & hospital partitions & dividers, whiteboards, shop windows and more. This can be a great resource to share with clients who are just getting familiar with the technology for them to understand just all the places where smart glass can be installed.

Get the ebook.

5 Portfolio

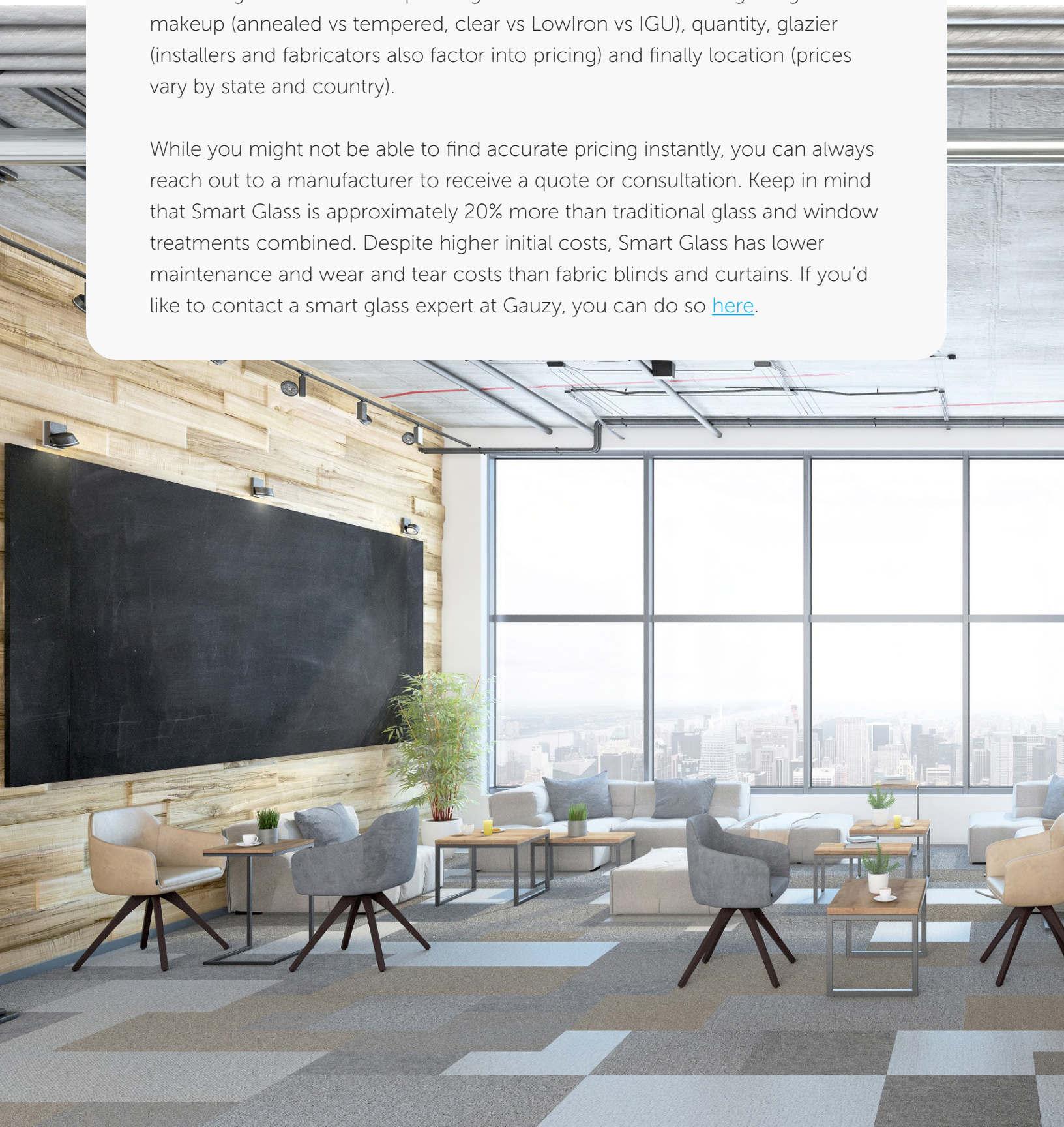
See smart glass installed in locations across the globe on our portfolio page. Be inspired by some of the world's leading projects and how they have incorporated smart glass to enhance their space and surprise and delight their clients. Here you'll be able to share projects similar to that of your client's to help them see what the end result will look like once smart glass is installed. Visit it here https://www.gauzy.com/portfolio/

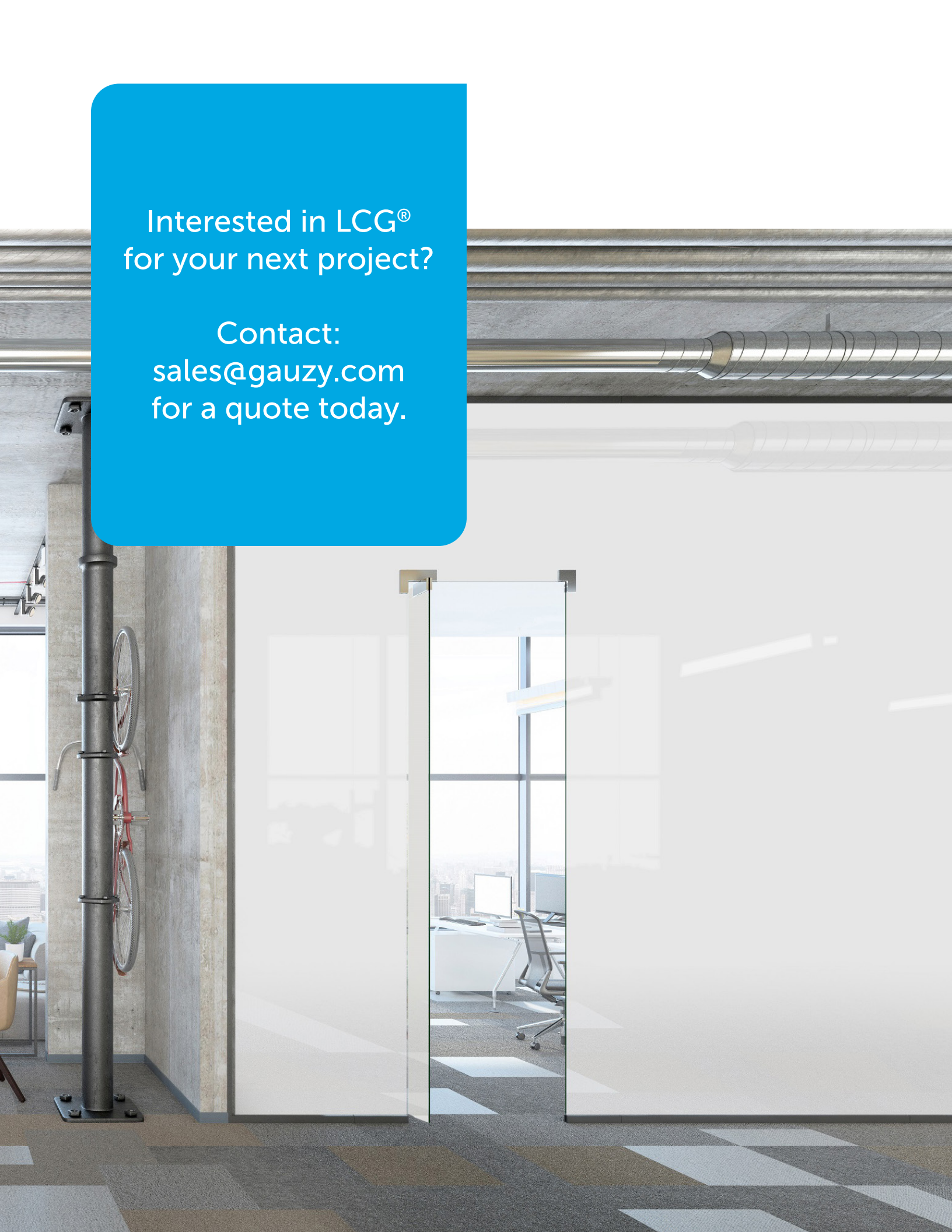


Smart Glass Pricing Benchmarks for Installers

Looking for pricing benchmarks? You're not alone. It can be tricky to find pricing online for smart glass due to a variety of reasons, mainly that the price of smart glass fluctuates depending on a lot of factors including the glass makeup (annealed vs tempered, clear vs LowIron vs IGU), quantity, glazier (installers and fabricators also factor into pricing) and finally location (prices vary by state and country).

While you might not be able to find accurate pricing instantly, you can always reach out to a manufacturer to receive a quote or consultation. Keep in mind that Smart Glass is approximately 20% more than traditional glass and window treatments combined. Despite higher initial costs, Smart Glass has lower maintenance and wear and tear costs than fabric blinds and curtains. If you'd like to contact a smart glass expert at Gauzy, you can do so here.





Interested in LCG®
for your next project?

Contact:
sales@gauzy.com
for a quote today.

SECTION 2:
How To Install Smart Glass:
Top Points to Consider

If you have a solid understanding of smart glass and the various technologies available to glass installers, it's time to start looking at more practical information that relates to how to install smart glass. In this section we explore some of the top points to consider when installing smart glass, including analyzing typical technical and wiring diagrams, as well as taking an in-depth look at steps in the installation process, such as handling, inspection, prepping surfaces, setting and more. Whether you're getting your first requests for smart glass and want to start offering it to your clients, or if you're looking to brush up your knowledge on some of the latest tips and best practices in the industry, this eBook will assist on your smart glass installation journey.

The most important thing to note is that installing smart glass is less scary than you might think, as you'll see from the following sections. With just a little bit of knowhow and practice, you'll be well on your way to perfecting the install process. If you do run into any questions or concerns however, you can always reach out to the smart glass manufacturer so long as they offer technical support. If you're working with Gauzy, you can reach our global services team at support@gauzy.com for technical support at any time.

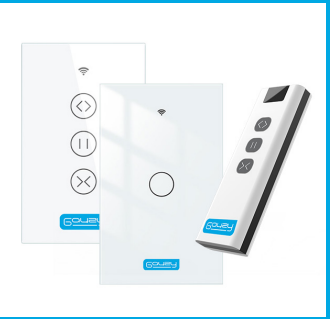
Please note: if you are involved in installing smart glass, the information in this guide is intended for *high level informational purposes only and does not act as a technical instruction manual*. Exact installation information may vary depending on different smart glass product types, applications and manufacturers. Please contact your manufacturer for official instruction documentation that you may require prior to actual installation. If you are working with Gauzy, official installation guidelines are available by contacting our support team here.

Smart Glass Technical Diagrams

Glass installers are no strangers to technical diagrams - it's likely you've come across a variety of different diagrams when installing regular glass. Smart glass is very similar. In this initial section, we'll examine a typical smart glass technical diagram so that when you see it in the field, you're familiar with some of the key components. Take a look at Figure 1 as an example - it shows you on a high level how smart glass connects to a building's power supply and a Gauzy or standard switch. This will give you a quick overview of how the technology works and how it integrates within a typical building after you have installed the glass. While glass installers won't be directly required to connect the smart glass to the power supply (leave that for the electrician!) it pays to know how the wiring setup works. You'll mainly only be responsible for ensuring the glass is positioned accordingly so that the appropriate wiring is accessible for connection by the electrician when they're on-site.

As you can see in Figure 1, there are three panels of LCG® smart glass adjacent to a door and a light switch. This diagram could depict a typical interior wall partition in an office, hotel or residence for instance. You can see that the LCG® panels connect to the building's power supply in either the header or footer rails. Note, in Figure 1 the wiring is piping through the header rail. First, the wiring runs through the junction box, then it runs through Gauzy's LCG® Flex Controller and then finally to the light switch. It's important to note here that whether or not the smart glass wirings run through a controller or a transformer depends on the manufacturer. For instance, Gauzy is the only smart glass manufacturer that operates through a controller (you can learn more about controllers and their benefits on Gauzy's website). This is just one example of a typical diagram that might be used in the installation process. An electrician is required to connect the controller to the mainline. If the smart glass is operated at low voltage (42VAC), an electrician is not required on site to connect glass to the controller. If the glass is operating at 70VAC, an electrician will need to connect the glass to the controller.

Did you know: Smart glass is controlled in a variety of ways; touch panels, remotes, voice control, app, motion and even heat sensors to name a few. Gauzy's new and improved LCG® Touch Panels and RF Remotes for instance, allow on/off or dimming functionality of single or multiple panels of smart glass. Whichever control method is selected for the project, Gauzy is available to assist throughout the entire installation process to ensure smart glass best suits a customer's control preferences for privacy, ambiance, and shading.



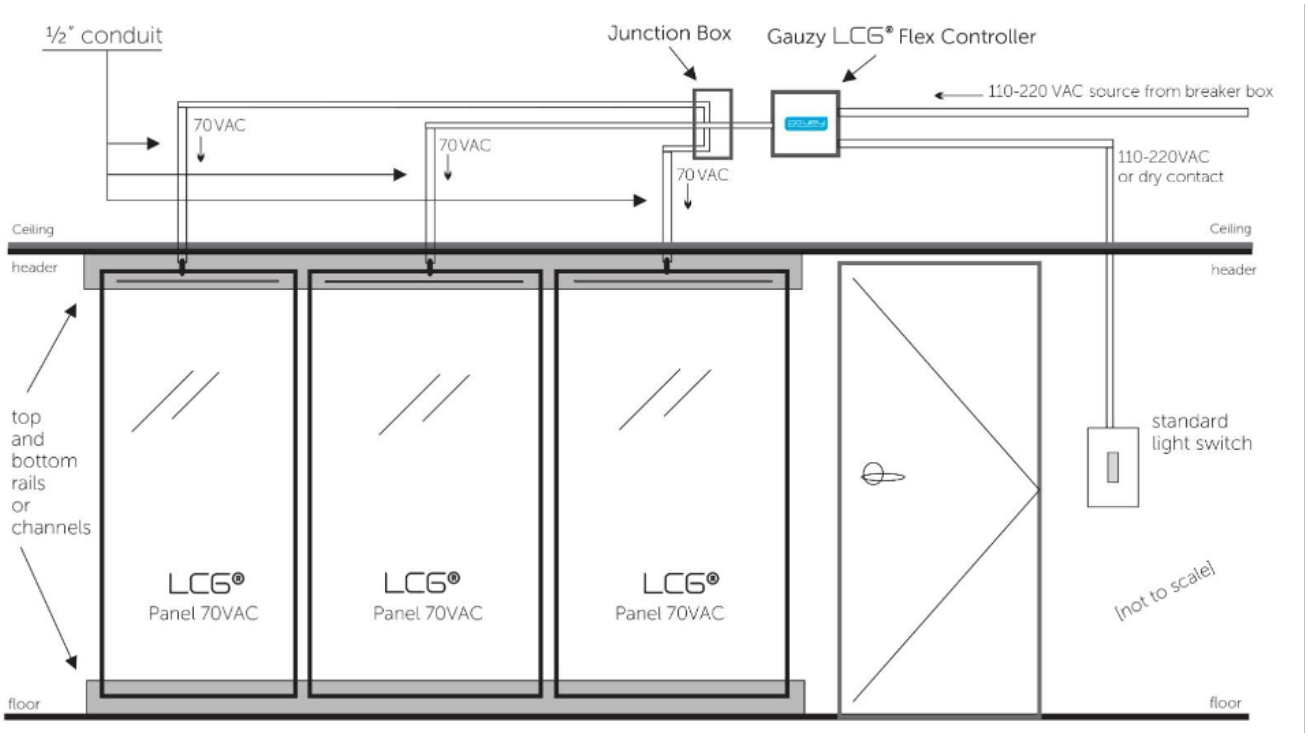


Figure 1: Smart Glass Technical Diagram, Connecting LCG® to a Flex Controller and standard light switch

Smart Glass Handling

One of the first areas for discussion is how you handle the glass prior to, and during, the installation process. In this section, we look at how best to deliver, store, handle smart glass, all key factors in ensuring the technology functions to the best of its ability.

Smart glass, like regular glass, is a delicate material that needs to be stored and handled with care. You'll want to ensure you comply with any manufacturer recommendations relating to storing and handling smart glass technology, as they'll likely differ between suppliers and product types. You can view detailed recommendations for handling smart glass in your manufacturer's specification sheet. Gauzy's specification sheet, specifically in Section 088000 relevant to glass installers, is downloadable on our website or through contacting your representative.

As mentioned above, you'll want to follow strict glass handling and storage recommendations as outlined by the manufacturer. Here are a few types of recommendations you might come across:

- Deliver and store the glass in the crate provided by the manufacturer. This is a really important step in order to ensure the smart glass arrives free from damage at the client's desired location. If no crate is provided, reach out to the manufacturer for clarification on the best way to transport the glass.
- Once the smart glass has arrived at its final destination, it's important to lift the glass out of the crate as carefully as possible. Make a note not to slide it out, as this can damage the technology.
- When resting the glass, make sure to avoid resting it on an un-cushioned surface. Any abrasive surfaces that have sharp or jutting edges can damage the smart glass technology and hinder its performance.
- Smart glass connects to the building's power supply using electricity, so there will be electrical wiring to take into account. It's important not to lift or handle the glass by its electrical connectors or wires, as you might risk damaging the product.
- If wires and copper tabs from the glass are not taped down, consider taping them to the glass to ensure they do not get caught on anything and tear.

- Lastly, don't allow glass edges to come in contact with the frame or other conductive surfaces as this can also damage the product.

These insights are just a few of the types of factors you'll want to consider when handling smart glass prior to installation. With proper maintenance and care in the handling process, the expected life of smart glass is in excess of 10 years, making it an extremely durable and long-lasting privacy and shading solution. It pays to know how best to handle the technology to ensure it reaches its designated lifespan.

Inspection

Now that the smart glass has been delivered and unpacked, it's time to inspect each PDLC panel prior to the start of installation. There are a variety of factors to look out for

in this inspection process that should be addressed prior to installation, including but not limited to:

1. Size & Quantity: You'll want to check that the shipped PDLC panels at the final destination do indeed match the quantity and size that was specified in the building's plans. Any discrepancies should be highlighted and resolved at this critical point.

2. Edges/Scratches: are the edges free from damage? Are there any scratches on the panel itself? This is the time to identify and ensure there are no abrasions or defects in any manner on any part of the PDLC panel or its edges. If you do notice anything, you'll want to document it and contact your manufacturer.

3. Labels: lastly, you should avoid removing any manufacturer's labels on the PDLC panel without the architect's approval first. These labels can contain information that may be used by other parties in the installation process so they're valuable to keep intact. Moreover, you should not add other labels to the glass before checking if this may impact the film in any way.

Inspecting the smart glass once it arrives is a step that requires attention to detail, as well as knowing what to look out for. Taking a short moment to check for sizing requirements, edges and scratches, as well as labeling prior to install ensures the quality of the smart glass remains at its highest standard and all parties involved in the project, especially the end user, will be left completely satisfied with the project.

Prepare Surfaces, Materials and the Site

Now that you've inspected the glass, the next step is to examine the area where the smart glass will be installed. This is a key moment in the installation process as any detrimental conditions to the surfaces, material or the site must be corrected prior to beginning work to avoid delays or technical faults with the product later on. Here are some details you typically want to keep in mind during the preparation step:

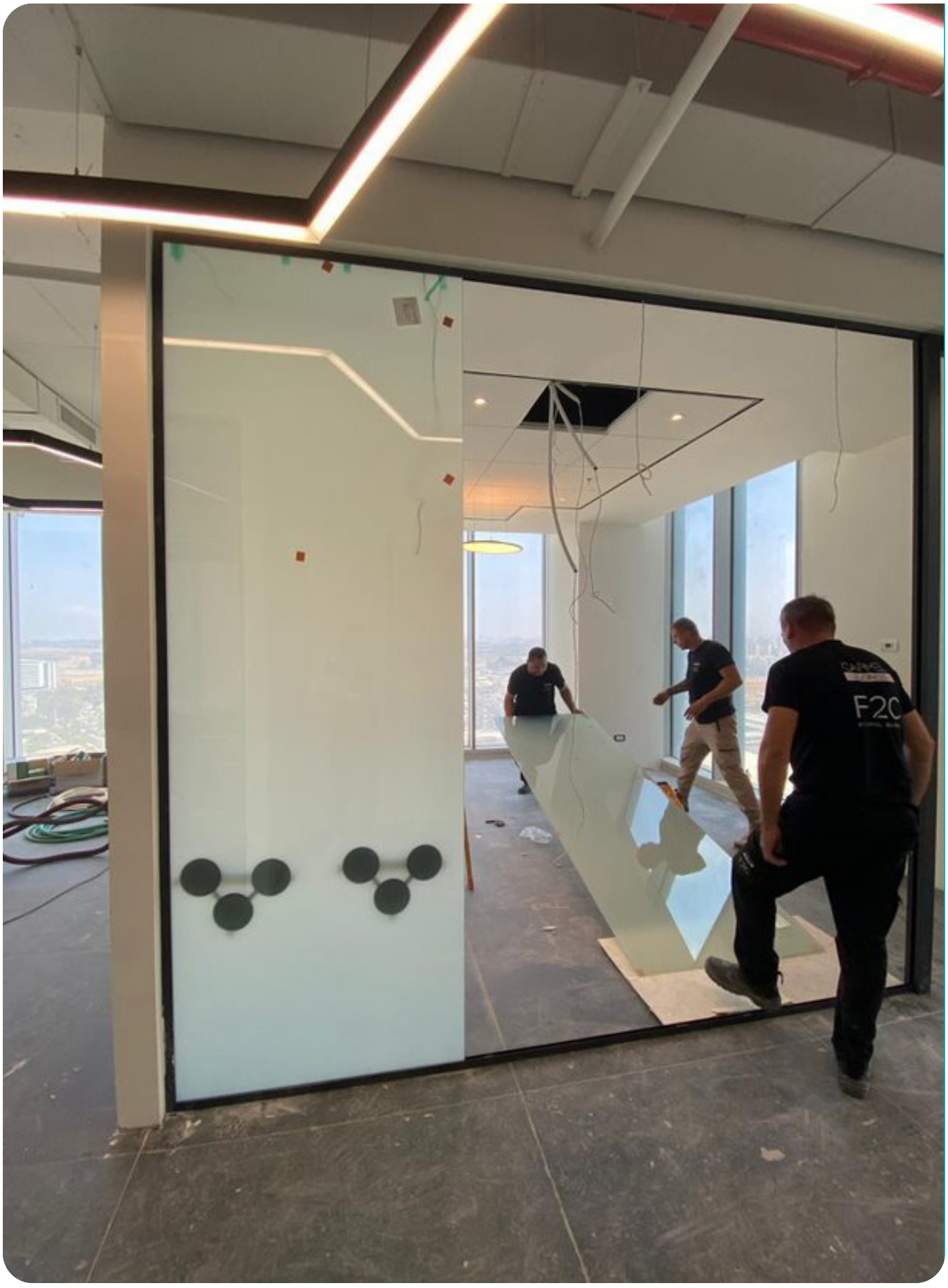
- Conduct a pre installation site survey, to assess the installation environment conditions are adequate and all relevant materials are present. Ensure frame and profile types and thickness are correct and that there are an adequate number of available electricity points. Take a moment to evaluate any special infrastructural needs and constraints for individual projects, as these always vary.

- Wipe down all surfaces immediately before you begin applying the primer and glazing compound for glazing work, or tape for electrical work.

- Check the silicone that you're using. When installing smart glass you typically want to use only neutral-cure silicones, not acetic silicones. Your smart glass manufacturer should provide you with a list of verified sealants. Only use those specified or you will damage your glass.

- Clean glazing channels, stops and rabbets to ensure there are no abrasive materials that might impact the installation process, including:
  - Make a note to remove any obstructions and substances which might interfere with your work, including protective coatings that could potentially fall into the adhesion materials or interfere with the sealant's ability to bond.
  - Conduct a final wipe down of all surfaces immediately prior to applying glazing compounds or tapes. Check that you're complying with the manufacturer's instructions here as they do differ.

While they might seem small, taking into account these simple actions such as wiping down all surfaces and checking materials like silicones, are all parts of the installation process that you don't want to miss.



Setting

You've unpacked, inspected and prepared all surfaces, now the time has come for the most exciting part - installing the smart glass. Here, setting the smart glass properly is another important consideration to ensure the overall quality of the product and finish of the project adheres to the client's specifications. Here are some examples of items that typically come up in the setting process:

Setting Blocks – You'll want to locate sill setting blocks of standard width and thickness at quarter points of all glass lights unless otherwise recommended by the manufacturer or supplier.

In figure 1, you can find a drawing that summarizes the correct usage and placement of setting blocks including points such as:

- Setting blocks are placed at a quarter point of the glass
- Minimum length of the setting blocks is 100mm
- Minimum distance is 150mm from glass corner

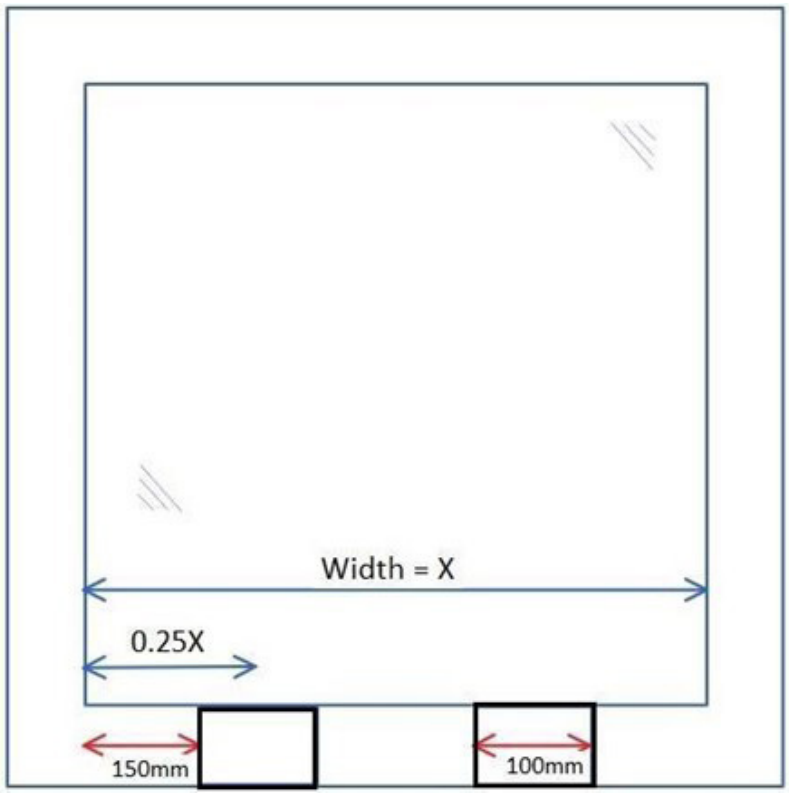


Figure 1: Setting blocks placement. Drawing is not to scale.

It is very important to make sure that once the glass is placed on the setting blocks, the setting blocks are well positioned and will not be able to shift outward\inward in the frame. This will prevent the glass from partially resting on the setting blocks.

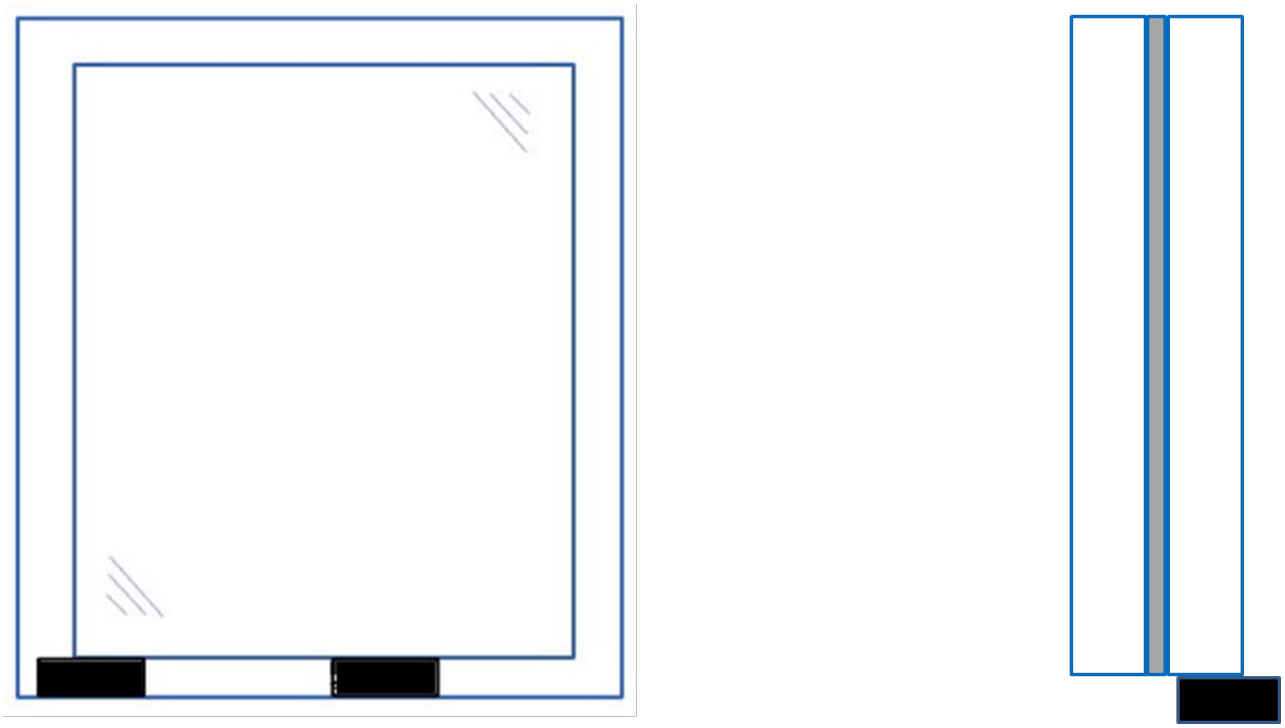


Figure 2: Glass partially resting on setting blocks.

Some other factors in terms of sill setting blocks could include:

- Use blocks of proper durometer, size and thickness to support the glass in accordance with the manufacturer's recommendations. If the glass being installed is >4 sqm, the setting block size should increase by 25mm per sqm.

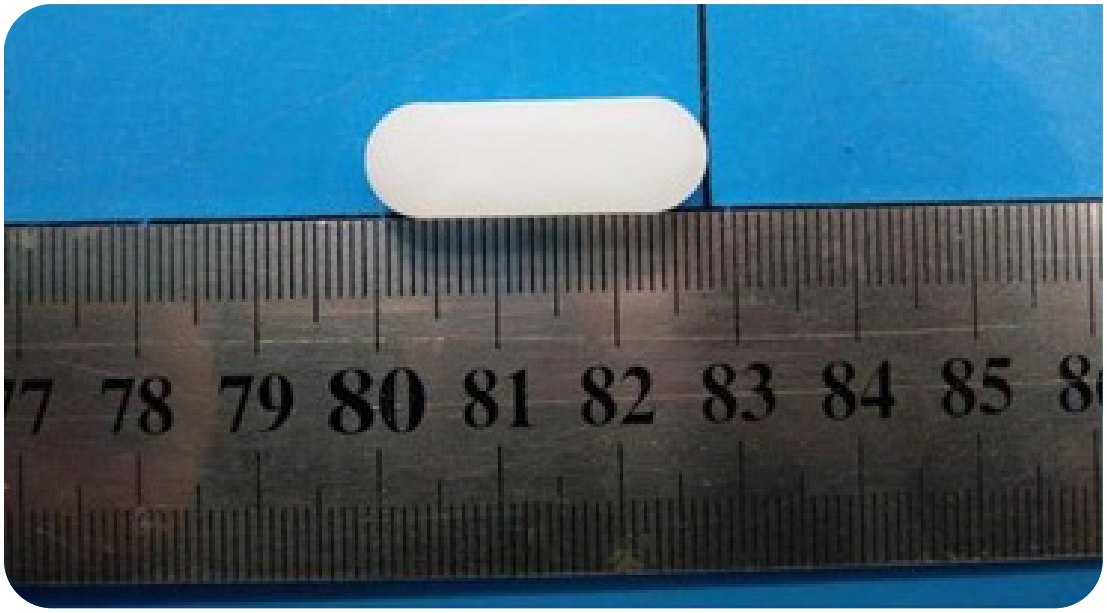


Figure 3: Setting block too short that placed under a LCG and caused delamination (scale in cm)

- Setting blocks made of rubber, neoprene, silicone, or thermoplastic are good to use. Don't use wood blocks.

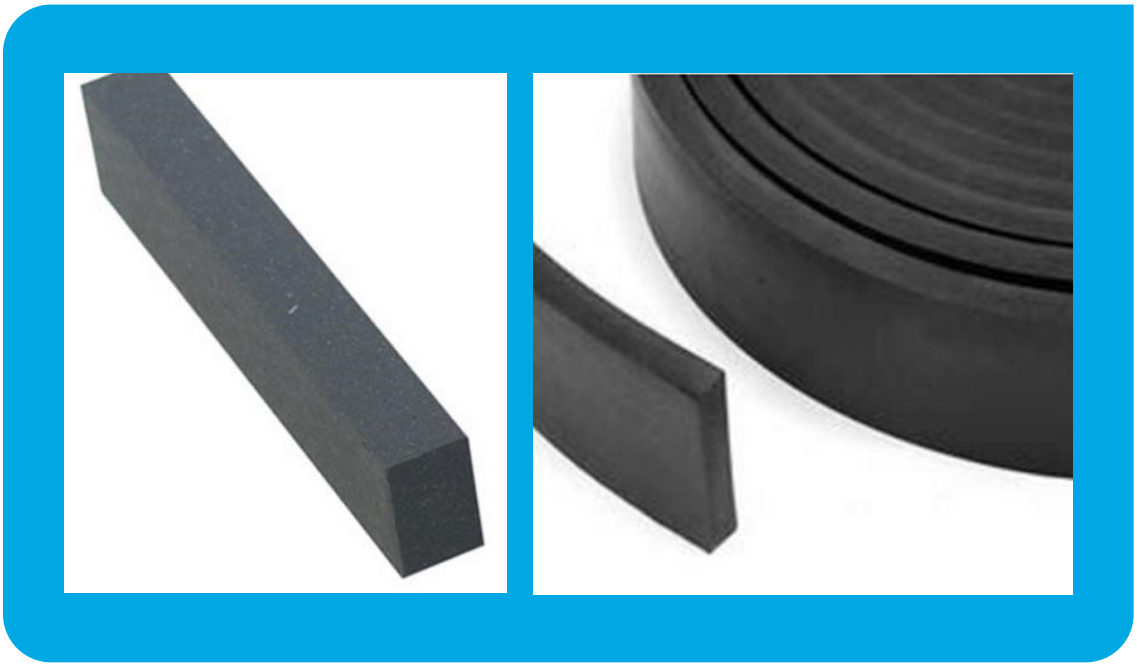


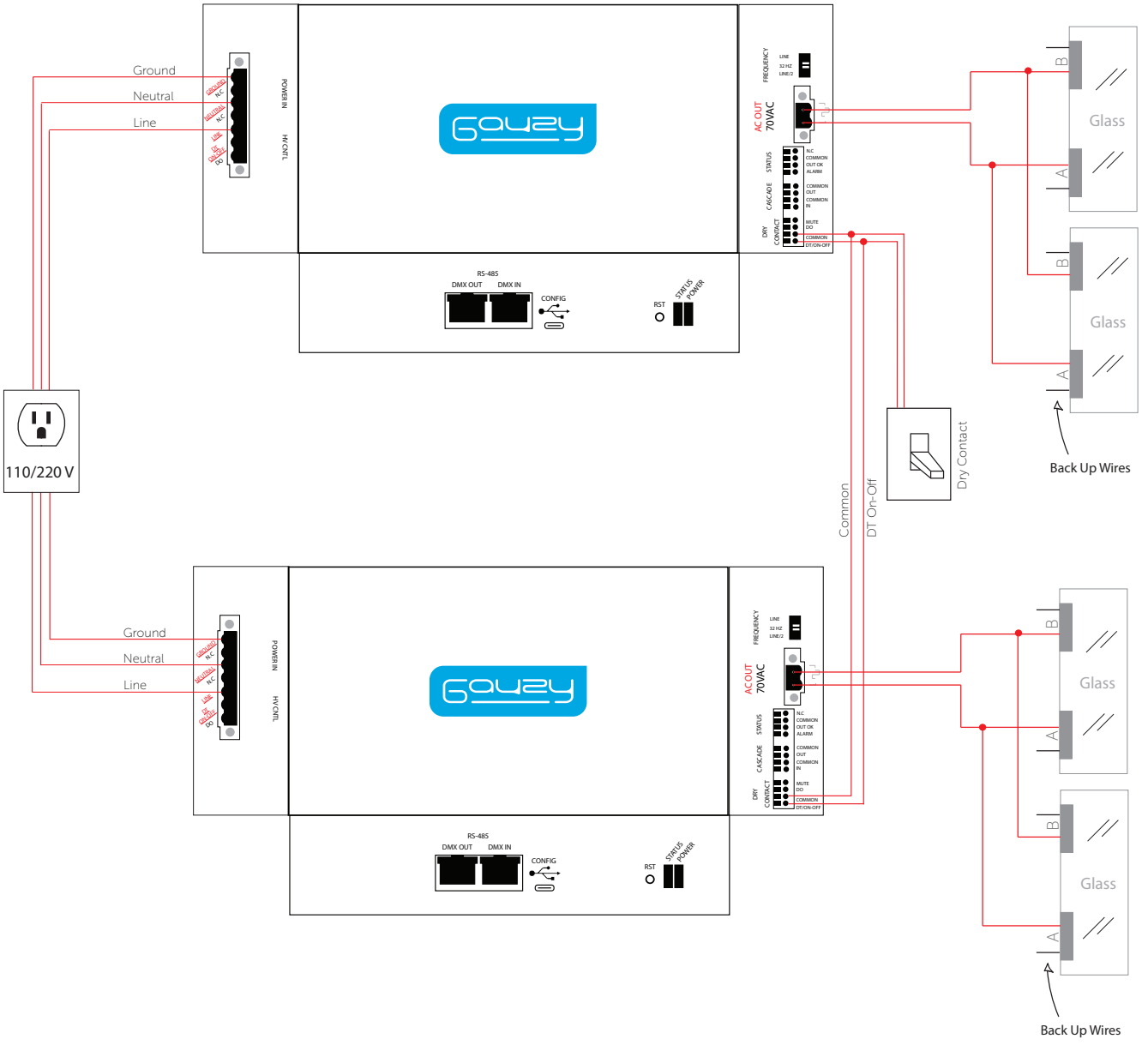
Figure 4: Examples of Setting Blocks, Neoprine (left), and Rubber (right)

- Glass lap and edge clearances must be provided according to pertinent codes and standards of manufacturers.

- You'll want to ensure you set glass in a way that produces the greatest possible degree of uniformity in appearance. To do this, you should take things into account such as:

    - Glass installation in dynamic frames such as operable windows and sliding doors must meet architectural specifications outlined by the manufacturer, such as in section 088000 of Guazy's specification sheet.
    - Glazing to the exterior and wet interior conditions must be wet-sealed and not allow moisture through with provisions to allow for weeping of condensation that may infiltrate the system.
    - Butt joint glazing is possible - butt joint glazing is a glass installation method without a vertical panel. In this instance, panels can be butt glazed using a minimum 7/16" thickness panel. It's important to only use neutral cure silicones (791, 795, 995, 1199) when butt joint glazing. Do not use acetic silicones.
    - Pressure glazing systems without positive positioning stops are not to be used with this glass.
    - Place electrical connections properly, so that an electrician can access them. It's important to note that only a certified electrician should connect the smart film and the controllers. Furthermore, all electrical work and installation should be performed according to any local regulations. Review Figures 5 & 6 below for a technical diagram showing the correct controller set up for direct voltage electricity connection as well as a dry contact connection.
    - If you're installing smart film or smart glass from Gauzy, you'll need to place Gauzy's controllers in a well ventilated place, not exposed to direct sunlight or any source of excessive heat, in order to ensure maximum product life span.
    - Always remember to test each glass panel prior to installation.
    - Electrical connections must exit at the head conditions of any framing system in wet environment applications.

LC6® On/Off Multiple Controllers Dry Contact Wiring to One Switch



FLEX ON/OFF ONLY
PRODUCT# GAU3-S-1

7-pin and 2-pin connector specification. (included with controller)
MSTB 2.5 HC/2-STF-5.08 2pin manufacturer: Phoenix contact
MSTB 2.5 HC/7-STF-5.08 7pin manufacturer: Phoenix contact

Never connect high voltage (110/220VAC) to the dry contact interface, as this will cause irreversible damage to the controller.

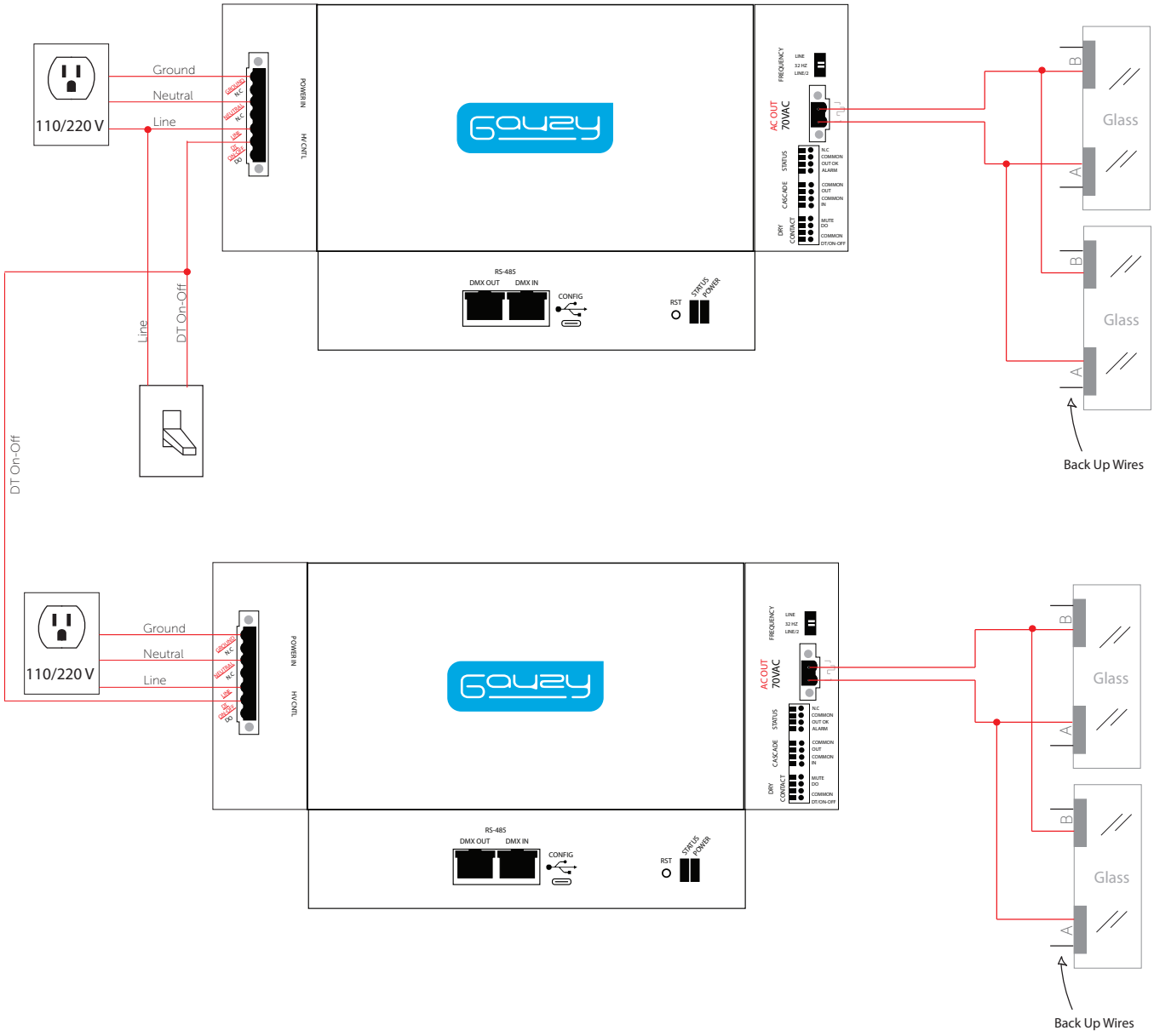
For "SmartHome" programming and operation features please contact the factory for additional wiring details.

Gauzy does not guarantee products which are not wired according to these guidelines.

REV 1.1

Figure 5: Diagram showing connection of multiple controllers in dry contact mode.

LC6® On/Off Multiple Controllers High Voltage Switch Wiring



FLEX ON/OFF ONLY
PRODUCT# GAU3-S-1

7-pin and 2-pin connector specification. (included with controller)
MSTB 2.5 HC/2-STF-5.08 2pin manufacturer: Phoenix contact
MSTB 2.5 HC/7-STF-5.08 7pin manufacturer: Phoenix contact

Never connect high voltage (110/220VAC) to the dry contact interface, as this will cause irreversible damage to the controller.

For "SmartHome" programming and operation features please contact the factory for additional wiring details.

Gauzy does not guarantee products which are not wired according to these guidelines.

REV 1.1

Figure 6: Diagram showing connection of multiple controllers with high voltage switch wiring.

- Cut and seal the joints of glazing gaskets in accordance with the manufacturers recommendations, provide watertight and airtight seals at corners and other locations where joints are required.

- Pay careful attention to silicone sealants; regular silicone sealants may contain plasticizers that can cause irreversible damage to the smart glass and delamination of the EVA. When adhesion or sealing of smart glass panels is needed, only neutral sealants suitable for use with laminated glass must be used. Review the figure below for sealants to consider.

- When placing laminated glass inside a metal frame, you should verify that there is no excessive pressure applied on the glass in order to avoid film delamination or glass deformation.

Brand	Model
Dan Braven	Hercuseal NOF
Dow Corning	791, 795
GE	Multisil SCS5500

Figure 7: Gauzy customers have experienced good results with the following sealants.

The importance of a proper setting procedure in the smart glass installation process is paramount. Keep these points in mind when completing the setting process and you'll be well on your way to delivering a professional install of smart glass technology.

Protection

After installation you can take a well deserved break - the hardest part is over. But there are a variety of additional factors to keep in mind to ensure the glass remains protected directly after the install process and well into its life on the walls, door and windows of your clients' projects. Smart glass is a highly durable and long-lasting product and it's important you keep these points in mind to ensure its longevity and protect it in the long run. For instance:

- You can protect the smart glass from breakage after installation by attaching streamers of ribbons. Make sure these streamers or ribbons adhere to the framing and are held free from the glass.

- Conversely, you should not apply warning markings, streamers, ribbons or other items directly to the glass except as specifically allowed by the manufacturer as this can hinder the technology and its performance.

- Another important factor to note is windblown objects, welding sparks, or other material applied to the glass surface during construction may cause irreversible damage. Look out to see if other contractors will be on site and if so, perhaps let the project manager know that the smart glass should be protected for the duration of the construction.

Always check with your manufacturer for the latest guidelines around protection of smart glass technology prior to and after the installation.

Post Installation Cleaning & Maintenance

As an installer, you might be responsible for cleaning the glass directly after the installation, or your clients could ask you for cleaning guidelines, so it's important you know some best practices in this area. The following information will provide you with a few core solid smart glass cleaning tips, such as:

- Prior to cleaning, you should inspect the installation to ensure the glazing is sealed and that the glass edges and electrical components are not exposed to moisture. Be sure to test each electrified LCG® smart glass unit and verify its performance and control switching. Correct any deficiencies here.
- Before cleaning the smart glass, always make sure that it is switched off and completely dry before it is turned on.
- It's important to avoid spraying any cleaning solution directly onto the glass or film, instead always spray onto a cloth first before spot cleaning the affected area. This ensures that no penetration of liquid occurs under the film or within the glass rim, casket and profiles.
- For routine cleaning, we recommend using a conventional window washing solution, mild soap and water. Apply it with a soft, clean, grit-free cloth, then rinse glass and framing immediately with water and squeeze away excess moisture, then wipe the framing dry.
- Room temperature should be considered for optimum performance conditions and maintenance. Only clean glass while it is at room temperature. Don't clean the glass when it is hot or in direct sunlight. Furthermore, always be weary not to expose the glass to extreme temperatures as this might result in thermal cracking of the glass.
- Ensure that no objects are leaning directly onto the glass and film.
- Stickers or glue should not be adhered to the glass.
- Make sure to leave cleaning and maintenance instructions for the end user!

As always, refer to each individual manufacturer for the latest recommendations in smart glass cleaning best practices.

Smart glass is a revolutionary technology that's changing the built environment, and therefore, making its way into building specifications more frequently. Familiarizing yourself with the installation process is a key first step in your smart glass journey, and can provide a useful refresher to brush up on your smart glass knowledge if you've installed it many times before.

As you can see from the topics covered in this section, installing smart glass is a relatively easy and straightforward process that covers much the same things as regular glass. All you have to do is contact a smart glass manufacturer to start the conversation, learn their best practices that relate to their individual technologies and product lines, and you'll be installing smart glass perfectly and effortlessly in no time at all.

Choosing a Smart Glass Supplier

Whether you have worked with smart glass before, or this is your first installation, you want to partner with a smart glass supplier with the experience and know-how to work with you on your project as a true collaborator. Once you get the hang of it, installing smart glass is easy and rewarding.

The next time you have an inquiry from a customer for smart glass, you should go right to the source and choose Gauzy. We are there for you, from selection of product to final installation.

Why Choose Gauzy?

Gauzy technology is the #1 choice for smart glass by glass installers and it's clear why. Gauzy is a world leading vendor of material science and nanotechnology, focused on the research, development, manufacturing, and marketing of LCG® (Light Control Glass) technologies, providing dynamic applications for various industries and partners worldwide.

As pioneers of material science and nanotechnology, Gauzy is the only company in the world currently working with both SPD and Liquid Crystal Technology, making us the market leader in the development and production of LCG® (Light Control Glass) products.

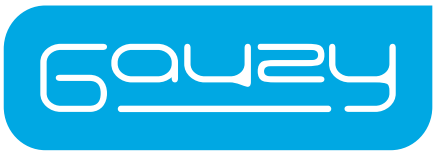
We offer you:

- The best quality smart glass products in the industry
- Unparalleled customer service, from initial quote to final installation
- Custom capabilities for all types of glass profiles, types, sizes, shapes and patterns
- Fast sales team provides quotes in 24 hours or less
- A global team of customer support and technical experts are available to help with your needs
- Fair pricing for the most advanced smart glass technology on the market
- Warranty because we stand behind our products and offer.

Contact Gauzy today via our website and we'll put you in touch with a smart glass expert in your region. We look forward to potentially working together.

Interested in LCG® for
your next project?

Contact: sales@gauzy.com
for a quote today.



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