



Switchable Smart Glass

SWITCHABLE SMART GLASS INSTALLATION

- Inspect glass panels before the start of installation.
- Do not install items that are cracked, chipped, broken or improperly sized.
- Select all hardware and accessories prepared for installation.
- Required materials: Switchable glass panels, transformers, wire, frame, etc.
- Clean glass channels, stop and rabbets to receive the glass panels, ensure proper seating of switchable glass panels.
- The mounting and installation should be performed by licensed electricians.
- Find proper position to place the power transformer, keep distance between transformer and farthest switchable glass panel within 100 feet.
- Must choose proper power rate transformer with fuse to prevent overload circuit on switchable glass panels. Example 50watt transformer can drive 5 square meters switchable glass.
- Choosing a single pole switch is recommended, however remote can be used.
- Do not connect other devices to the output of power transformer.
- The output of the transformer should not exceed 65VAC.
- Prevent damage to glass provided wire, it may cause permanent damage to the glass.
- Remove protective coatings before installation.
- Use only NEUTRAL CURE silicones.
- Consider the transportation method before the move to installation position: by stairs or elevator.
- Drill holes on the frame to make pre-wire for switchable glass.
- Put rubber seal strip to fix the switchable glass.
- Fix the blocks (upper, lower, right and left). All blocks inside of the glass be adhere with rubber strips.
- Leave a space of 3-5mm between glasses, if multiple panels are installed.
- Connect the wire to transformer per wiring diagram provided by the manufacturer.
- In a wet environment applications, the electrical connection must be placed at the head of panels. And smart glass must be wet-sealed and impervious to moisture.
- Exterior application DGU (Double Glazed Unit) with switchable glass, must keep switchable glass panel positioned as the internal panel.

Note. the installation of switchable glass panels without following the manufacturer's instructions may lead to an unsafe conditions and cause permanent damage to the glass.

**CAUTION READ THIS TECHNICAL
MANUAL BEFORE PROCEEDING!**