

INSTALLATION DAY CHECKLIST

- ☐ **Dress code:** Wear company-provided polos, t-shirts, hoodies, and black pants during the installation.
- ☐ **Tools:** Make a checklist of all necessary tools and materials and double-check that everything is packed and ready to go before heading out to the installation site.
- ☐ **Glass inspection:** Check the glass for scratches, chips or cracks. If any are found, inform the client. Take pictures-videos.
- ☐ **Film inspection:** Inspect the smart film for any imperfections, such as scratches or bubbles. If any are found, take pictures or videos and send them to the production chat and ask for further action. If they don't reply fast, call the office to get guidance.
- ☐ **Test before installation:** Connect the smart film to the test transformer and check if it is working properly. If it is not working, take a video and send it to the production chat for further action. If they don't reply fast, call the office to get guidance.

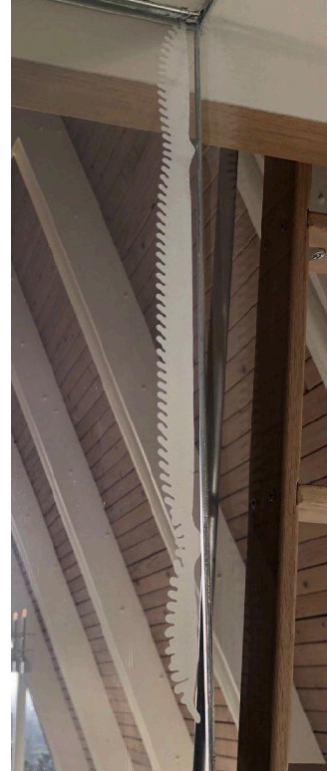
INSTALLATION PRECAUTIONS

FIRE HAZARD

- ☐ The busbar or electrical connections should **never be allowed to have contact with metal frames** or trims, as this can cause the smart film to catch fire. Double-check the position of the busbars and smart film, and make any necessary adjustments to ensure that they are not touching the metal frame.
- ☐ **Two panels with opposite polarity busbars installed too close to each other:**
When busbars of opposite polarity on two adjoining panels are connecting or are too close to each other, this will create a short circuit causing burning or even sparking. ALWAYS make sure that close busbars have the same polarity!
- ☐ **Burned pixels:** Always check if you are connecting the input voltage to the correct transformer side. Please pay attention to the labels: INPUT & OUTPUT. Connecting output to 110VAC would create x3 times more voltage and will burn the busbar and film leaving permanently burned pixels.
If a third-party electrician is involved in the installation process, it is the installer's responsibility to ensure that they are not making any mistakes and are connecting the input voltage to the correct transformer size.



- ❑ **Unapproved silicon causes crystals to dissolve.**
Please make sure you are using acid-free silicon.



- ❑ **Short circuit caused by the frame contact or rough trim.**
During the installation of the film always make sure that it doesn't touch the frame. This might cause ITO jams and local short circuits. Also, make sure you are using sharp scissors when trimming the film. The rough cut might cause a slight shortage around the cut. To fix this issue, just trim shorted area with a new razor.

