

Essentials accessories



Anti-static cleaner



Microfibre



Wiping pad



Cleaning squeegee



Application squeegee



Measuring tape



Adhesive tape



Electric wire



Wago connecting



Stripping pliers



Soldering irons



Teflon squeegee sharpener

Watch the installation
on video!



1 Before ordering

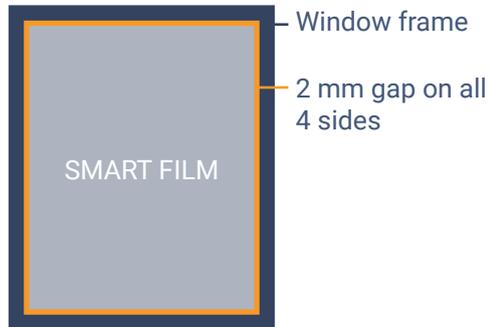
1. Taking the right measures

Leave 2 mm on the 4 sides of the frame that contain silicone.

The film could be damaged if it came into contact with standard silicone, by a simple chemical reaction.

2. Look at the location of the electrical cable and controller

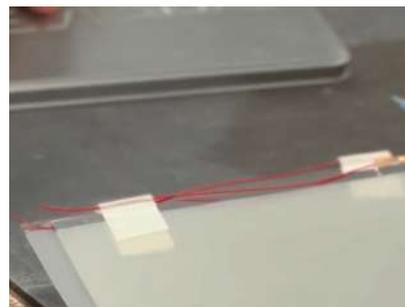
In general, the cabling is at the top of the film and the controller is hidden in the ceiling. But this varies according to the installation site.



2 Preparing the installation

3. Lay SMART FILM flat for 24 hours

A day before installation, lay the film flat. This step prevents the film's shape memory phenomenon from causing it to peel off.



4. Release the film's electrical connectors

Carefully remove the adhesive tape protecting the electrical connections



5. Cleaning the glass

Spray the glazing with the anti-static cleaning solution and scrape off as much dirt as possible. Use the micro-fibre and then the wipe pad to remove all the dust.

i One dust = One bubble!



3 Film application



6. Remove 10 cm of protective liner

Remove 10 cm of the protective liner from the top of the SMART FILM so that it can be laid out.



7. Lay out the SMART FILM

Lay the film 2 mm from the top edge to avoid any short-circuit preventing the film from working properly. It must not come into contact with the glazing beads, especially those made of aluminium or brass.



8. Block the film

Start taping this first section of film. To eliminate any bubbles, roll from the centre to the ends.



9. Moulding the film

Mould the entire film horizontally from the inside to the outside and from top to bottom. Remove the protective liner as you apply it.



★ Tip: A forgotten dust?

If any dust has stuck between the film and the glass, carefully remove the film and catch the dust with a piece of tape wrapped around your finger (adhesive side out).

4 Electrical connections



10. Strip the wires

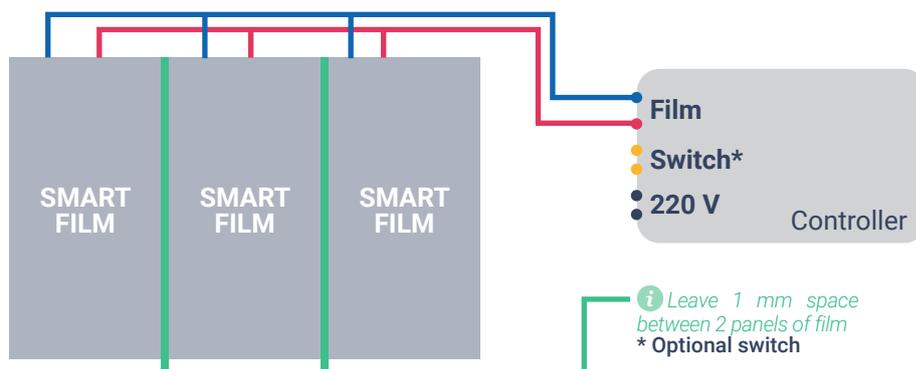


11. Connect to controller



12. Plug in the controller

Electrical diagram



5 Finishes



13. Remove the outer protective liner from the applied film



Enjoying SMART FILM on...



...or off !

 **Now, the application is over !**

★ Tip: Adjust the film's dimensions

Luminis Films cuts your films to your dimensions and for SMART FILM, cutting requires precision and technical knowledge. The buyer is responsible for re-cutting the SMART FILM.

ⓘ Cutting the SMART FILM may cause the film to malfunction

If you need to adjust the film, use the Teflon squeegee sharpener on just one side of the film, removing millimetre by millimetre.

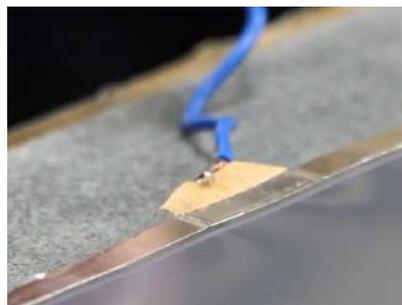


★ Tip: Unsoldering and re-soldering connectors

Depending on the application of your SMART FILM, it is possible to unsolder and re-solder the electrical wires to the film connectors.

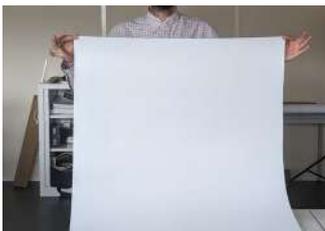
To desolder, melt the tin that binds the cable to the connector.

To re-solder, apply molten tin to the wire and then solder to the connector.

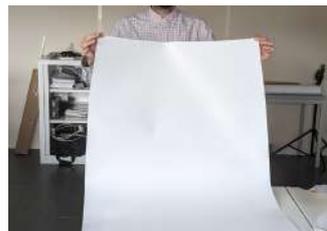


★ Handling SMART FILM

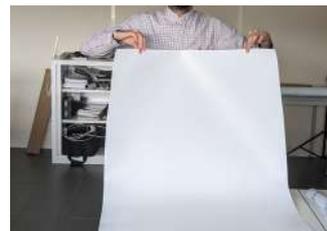
Hold the film straight, taking care not to bend or fold it.



**Straight film
crease-free**



**Straight film
but folded**



Curved film



Folded film