

# China high quality switchable smart tempered [laminated glass](#) floor suppliers

## The Visitor attractions switchable glass floor

The switchable smart glass floor which popular application as a part of the scenic spot, its can be clear and opaque(frosted) to keep the floor frosted and slowly disclose the things under the floors—the most to keep your commerciogenic. The smart film glass floor especially use on museum, is perfect for showing visitors a world underneath their feet, where you may have artefacts positioned as archaeologists found them to bring the ultimate sense of realism. the switchable glass can be used as part of a floor installation, helping your space achieve the ultimate wow factor, from top to bottom.

The Smart Privacy Glass floor has all kinds of benefits, from used the forbidden zone that visitors would not be able to see normally, to protecting some of most valuable artefacts, you can given greater control over the visual delivery of your attractions. This enables you to the heighten anticipation, or even highlight the value and importance of the hidden artefacts, so your captivated visitors understand that this is a main attraction.

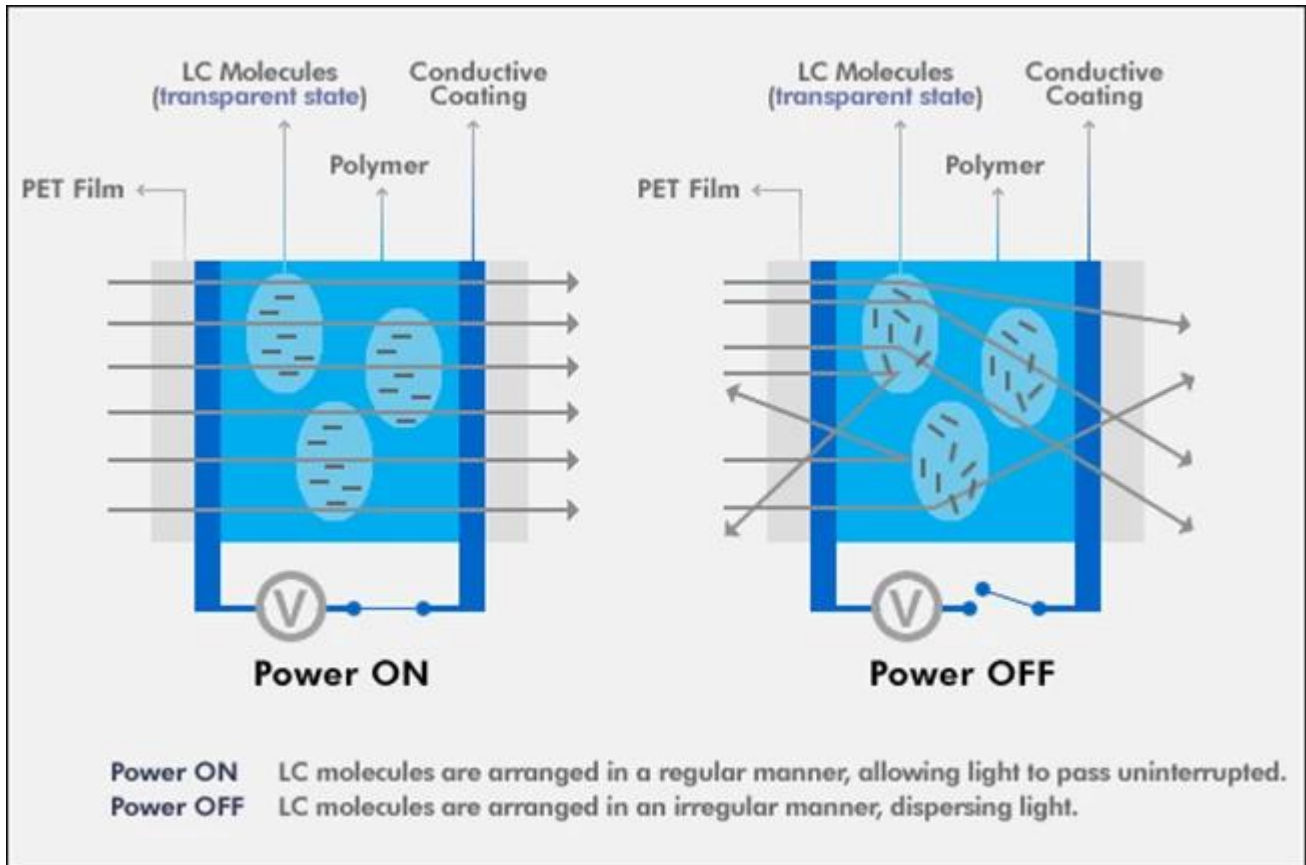
**Glass walkways are an excellent choice for any commercial or residential application, used to connecting the buildings, bridges, or even just as part of the walkway's internal. As with any type of suspended glass floor, privacy is a problem, but by providing a privacy solution for this application through switchable technology, can make the glass as one of the sidewalk without being affected. As with switchable staircases, the possible creative uses that promote automation offer an amazing opportunity that is both practical and impressive. Controlling the switch the state of certain panels of the sidewalk when people walk past to creates a compelling journey on the sidewalk, and you will surely see your investment being noticed.**

## What is the [smart film switchabl glass](#) ?

Switchable Smart glass or Smart Privacy Glass Film(Switchable privacy glass, Magic glass, Switchable glass, Intelligent glass, Electric privacy glass, PDLC glass) is a special laminated glass is a new type of special optoelectronic glass product which combines PDLC film into two layers of glass and is laminated by high temperature and high pressure. The user controls the transparent and opaque state of the glass by controlling the on and off of the current. The glass itself not only has all the characteristics of safety glass, but also has the privacy protection function to control the transparency of the glass.

## The operating principle of smart film glass

When the dimming glass/smart film glass is turned off, the liquid crystal molecules in the electronically controlled dimming glass will exhibit an irregular dispersion state. At this time, the electronically controlled glass exhibits a transparent and opaque appearance state; when the dimming glass is energized, the liquid crystal inside The molecules are neatly arranged, the light can be freely penetrated, and the dimming glass is instantly transparent.



Electric privacy glass floor us on the walkways, when turn on the PDLC film, it become transparent and seem dangerous; when turn off, it's opal color and looks like the normal safety glass floor.



The Electric privacy glass used on other application like shower door, glass partition wall, window, and so on.



**Our Glass production:**

