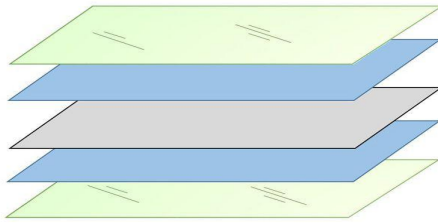




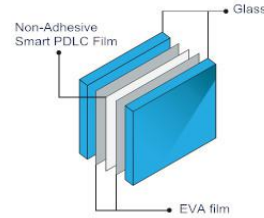
Smart Glass VIP

Privacy PDLC Film Manufacturer

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Glass
EVA Film
Smart PDLC Film
EVA Film
Glass



Tools and materials: glass, EVA, smart film, Clean cloth, Industrial alcohol, High temperature tape, Cutter knife, wood bar

工具与材料: 玻璃、胶片、调光膜、无尘布、酒精, 高温胶带、美工刀、木方条

1. 玻璃检验与清洗 check and clean

① First check the quality, size and smooth of the glass, then set up two pieces of glass to fit together, confirming whether the flatness is in line with the requirements; ② Please lift the glass to the cleaning machine to clean and be carefully to check if there any glass residue and scratches. ①、首先进行对来料玻璃的质量、尺寸和平整度的检验, 将两片玻璃竖立起来贴合在一起, 确认平整度是否符合要求; ②、将玻璃依次抬上玻璃清洗机进行清洗, 检验包括检验玻璃标签是否遗留, 以及玻璃标签上的黏胶是否残留, 玻璃表面的污渍和划痕等问题, 有无尘布(喷上酒

2. EVA胶的剪裁与叠层 cutting EVA

Put EVA on one of the glass, and according to the size of the glass to cut EVA (over the glass 3-5cm) please be noted that EVA on the glass is not folded. 将EVA胶覆盖于其中一块玻璃的表面, 根据玻璃的尺寸大小(比玻璃大3-5cm), 进行剪裁; 四周拉平EVA胶, 使铺在玻璃上的EVA胶没有褶皱, 平整。

3. 调光膜的通电检验与表面检验 test the switchable smart film

please connect the film and power supply, turn on/off 10 times to test film working or not; Then please tear off the protective film, and examine the quality of the film. 调光膜连上检测电源, 通电, 迅速关通10次, 看调光膜是否出现异常; 再撕开保护膜, 检验调光膜的品质

4. 调光膜的叠层与对位 Stack and alignment

Please put the examined film on the EVA, then adjust position of the film to make it center.

将检验过的调光膜铺在EVA胶上, 对位, 调整位置, 使调光膜居中

5. EVA胶的剪裁与叠层 cutting EVA

Please put EVA on the switchable film and do like the step two again, to keep EVA flat. 将EVA胶覆盖于调光膜上, 重复第二步的操作, 保持EVA平整没有褶皱

6. 玻璃的叠层 glass stack

Please put another glass on the EVA and adjust the position.

抬起另一块玻璃压在EVA胶上, 调整至适合位置

7. 检查黑点 check Black Spot

Check out the primary finished glass to find out the black spot problem and other quality problem in sight among the glass. Please clean up with clean cloth if there is impurity. 在初步叠好的玻璃上进行检验, 通过目测观察, 检验出玻璃叠层中的黑点及其他的品质问题(按照品质的标准进行), 如检测出黑点杂质, 需用无尘布进行清洁处理。

8. 玻璃的对位 glass alignment

To carry on the alignment of the glass that has been finished, through the four corners of the glass to move the position offset, so as to achieve two pieces of glass fit alignment. 对已经完成检验的玻璃进行对位, 通过玻璃四个角的位置偏移方向进行挪动,

9. 调光玻璃边角的切割 Cut redundant EVA film

Cut redundant EVA film to be up to the glass (be careful to avoid cutting off the electrode wires) 用刀片沿着玻璃边缘切割掉多余的EVA胶, 使叠层的每一层尺寸相符玻璃的要求尺寸(切电极边时注意不要切断电极线)

10. 封高温胶与保护电极 edge banding and protect electrode

Along the edge of the glass with high temperature tape, to ensure that the glass is in a closed state; And attention to the protection of the electrode line.

用高温胶带沿玻璃的边缘进行粘贴, 确保叠层处于封闭状态; 电极线用胶带粘住进

11. 封玻璃边木条 Fixed glass

First put the glass on the laminated platform. Second fix the glass with wood bar. Third cling to the glass with high temperature tape.

将玻璃抬上来胶平台, 用木方将封好高温胶带的玻璃框

12. 夹胶平台的检验 check the laminated platform

Please put the glass into the silicone bag, tightly connected silicon tape, then Connecting suction pipe.

玻璃入硅胶袋, 放置下层网纱, 铺上层网纱, 合紧硅胶带, 连接抽

13. 夹胶参数设定与调整 adjust the specification of the laminating machine

According to the thickness of glass, to adjust specification of the laminating machine.

打开控制面板上“开关”, 根据玻璃厚度规格, 进行压力、温度、时间参数设置; 把平台推入夹胶炉, 关门, 开真空泵进行抽空, 待压强稳定后, 无漏气, 可进行夹胶

14. 夹胶结束的冷却 glass cooling

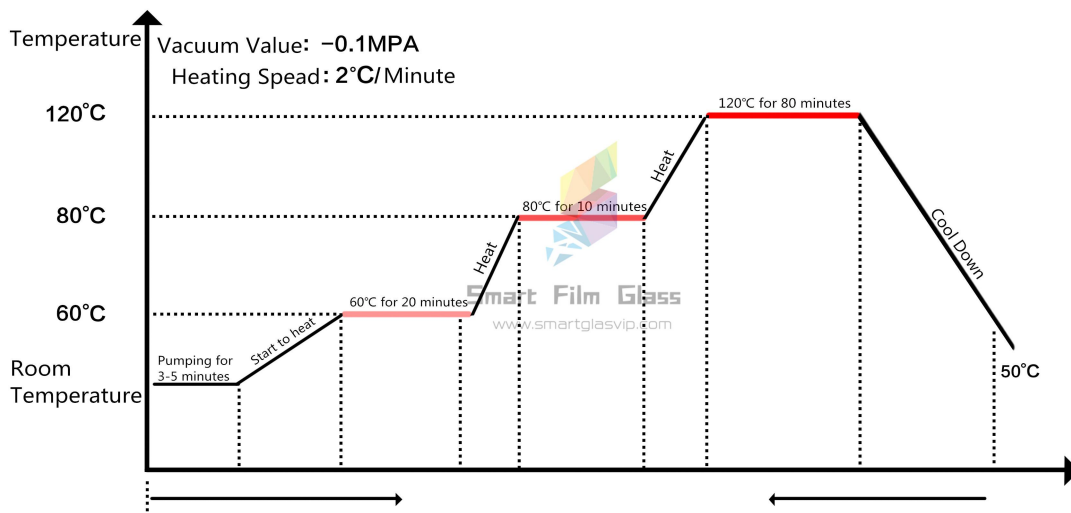
Please close the machine and open the door to get the glass cooling. 关闭机器, 产品出打开舱门, 冷却后清洁好。

15. 调光玻璃的包装 package

Please check the quality of the finished glass and package.

将已经完成夹胶进行品质检验, 在用定制の木框包装

Laminated Smart Glass Processing Diagram



1. Above Temperature must be glass sureface temperature
2. Above diagram is only for reference, user should adjust the parameter according to your real situation
3. If transparency is not good, please higher the temperature or extend the time

