Case Study: Bubbles Around EVA Interlayer Film Laminated Glass Edges by Peter Lin

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Dear Peter

Can you tell me how to solve bubbles on the laminated glass edges ?

We are following same instruction(Time and temperature of processing EVA INTERLAYER FILM)what you give but still there are bubbles , glass 6mm + 6mm No tempering.

We are using your Super clear EVA interlayer film(EVAFORCE SUPER+)

Following photos will make you understand better:

Dear Glazier F

Based on your photos, it shows the EVA film in the edges is not enough to fully fill in the gap between the two glass.

The EVA film shrank and leaked.

So to avoid shrinking, the solution is that when you prepare the pre-lamiated glass, please don't pull the EVA film with too strength(Don't stretch the eva film glass interlayer), or the eva film will shrink after the cut.

And the eva film can be 2mm wider than the glass, to make sure the EVA film is enough to fill in the glass gaps.

To avoid leaking, you can try to reduce some temperature based on your situation.

Best Regard

Peter Lin

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Dear Peter
As you said we didn't stretch the Eva interlayer film and reduced the laminating temperature to 115 C degrees and the EVA laminated glass worked OK now , the bubble problem of the laminated glass edges was solved. Thanks.
There is printing on the glass , so it looks not super transparent.

Dear Glazier F
So good the bubble problem is solved.
Peter Lin
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1-Super clear eva glass interlayer film, for both indoor and outdoor laminated glass application;
Super Clear EVA Film for Massive Lamination
EVAFORCE SUPER+
*Super Clear EVA Film for Massive Lamination
*Massive,Largest sold quantity in all EVA films
*Great performance with affordable price
*Aim for architectural safety laminated glass
*Applied both indoor and outdoor
*Replacing PVB Film

Super Clear EVA Film for Tempered Curved Glazing
EVAFORCE EXTREME
*Super Clear EVA Film for Tempered Curved Glazing
*Less overflowing during vacuuming heating
*Strengthened safety mechanical properties
*Recommended for extreme environments, safety tempered glazing or curved glass laminating
*Applied both Indoor and Outdoor
*Replacing PVB Film

Super Clear EVA Film for Graphic Insertions
EVAFORCE LOW80-120
*Super Clear EVA Film for Graphic Insertions

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*Laminating both at 80° C and at 130° C
*Protect the insertions from above 100° C

2-White eva glass interlayer film, for both indoor and outdoor laminated glass application;
*Milky White/White Opaque EVA Film
0% Visible Light Transmittance
*Sandblasting White/White Translucent EVA Film
65% Visible Light Transmittance
*Super Milky White/Super White Opaque EVA Film
0% Visible Light Transmittance
3-Thermal cutter for trimming laminated glass edges overflowed remains;
4-Green tape for fixing laminated glass, high temperature resistance;

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