CUSTOMER NOTES

.LIGHT LOVES GLASS

Information on glazing OKALUX glass products

Status: 02.04.2020

Please observe the following information aimed at protecting you and your customers from damage and so as not to endanger any claims for compensation and warranty claims. The following information is designed to draw your attention to specific details which are often overlooked, but are important, and therefore must be considered. As such recommendations are of a general nature, and not aimed at each specific case, they do not lay claim to completeness. All valid laws, directives, standards and recognised technological regulations must also be observed. Please refer to the separate enclosures for product-specific information. Please contact us if there is any doubt. Non-compliance with this information will endanger any claims for compensation or warranty claims.

1. Design

The design must be executed as per DIN E 18 008 or other relevant standards in accordance with today´s state of the art.

2. Glas channel (mounting depth)

To prevent the glass edges being subjected to excessive thermal stress, the mounting depth on the inner pane must not exceed the depth of the edge joint or a maximum of 15 mm measured from the edge of the glass. This is valid for all glazing that has not been pretensioned.

The glazing support must be screened by the outer window glazing bar or outer sealing tape to prevent heat from accumulating in the area of the support, even when exposed to oblique insulation.

3. Product-specific information regarding insulating glass with units built in to the space between the panes

The insulating glass is glazed as per normal insulating glass. During transportation, the insert may slide to the side, creating a greater visible slit between the spacer and the insert and/or the support profiles could become inclined.
The information in the product-specific infotext is also valid.

4. Sealing tapes

For the glass support, we recommend sealing lip tapes made of APTK, EPDM of silicone of approx. 60° Shore hardness. Foam tapes are not suitable. With glass support tapes higher than 6 mm, there is a risk of deformation caused by pressure from the screws which hold down the cover strip and, consequently, a risk of fracturing the glass pane.

For the outer seal, with designs which are slightly inclined or difficult to seal for other reasons, it is advisable to use silicon sealing-lip tapes since these are the only tapes which can re-real.

According to the system manufacturer’s instructions, the pressure exerted by the cover strips must be enough for the covering elements to exert a uniform pressure via the edge of the glass without bending it. The hollow sections of the sealing-lip tapes must not be crushed until they cease to be effective.

5. Setting and location Blocks

The materials which are used for Setting and location Blocks must be rot-proof and free of plasticizer. With stepped insulating glass, for a maximum roof slope of 45°, it may be sufficient to secure the outer pane by offsetting the covering element. The real padding is applied to the inner pane.

6. Vapour pressure equaliser holes

The glazing rebate must be fully and permanently operational, dried and ventilated. Particularly in the case of inclined roof glazing, it must be ensured that the condensation or penetrated water can drain.

7. Glass butt joints

To make sure that water can drain at glass butt joints unhindered, with roof glazing, we recommend a blunt glass butt joint with sheet metal bonded on top at the factory. Details must be agreed with us.

8. Dangers with glass damage

Where we are unaware of the circumstances under which our insulating glass is being used, we assume that it is being used under normal conditions. Normal conditions are defined as humidity and air temperature conditions which generally prevail in areas used by people.
Both the inner pane and the outer pane must be ventilated over their entire surface. Care must therefore be taken with frame designs, dummy glazing bars, wall connections, blackout systems inside and screening systems outside.

The following damage can be caused after moving the glass, due to:

- inside or outside dimming and shading systems which have not been agreed beforehand
- partial or total covering or adhesion of glass surfaces from inside or outside
- hot asphalt and hot bitumen work outside or inside
- heating pipes in the frame area, hot air escaping in the glass area and other sources which could unevenly heat up the pane areas
- spotlights, ovens, foundries
- welding and flexing work
- lime, cement, mortar and silicon residue
- glass stickers that have not been removed
- improper cleaning, aggressive or abrasive cleaning agents

Please contact us if there is any doubt.

9. Cleaning instructions for OKALUX insulating glass products

Ask where applicable.

10. Preservation of capital

In order to maintain the guarantee and extend the life of the insulating glass, it is essential to carry out functional tests at regular intervals. All necessary maintenance work, such as checking the drainage and pressure equalisation holes, must be carried out regularly and in time.

11. Glazing details

We reserve the right to request glazing details in the form of design plans from which we can clearly derive the details to be specified concerning the durability of the insulating glass. The documents must be submitted in good time to enable any design changes to be made. We will not assess statistical details.

12. Other printed matter

If you do not have the following printer matter, please request it directly from OKALUX or download it from the Internet at www.okalux.com:

General terms and conditions of business
Product-specific information texts

As well as these, there are the following customer notes:

Customer notes on offers
Customer notes on delivery
Customer notes alarm glass
Customer notes screen printing
Customer notes Structural Glazing / Edge deletion
Customer notes on heat-soak test
Customer notes on glazing
Customer notes SIGNAPUR®
Customer notes OKA*WOOD* tolerances
Cleaning instructions for OKA*LUX* gen.
Cleaning instructions OKA*COLOR*
Guideline for visual quality