

## Screen printing

Status: 1303

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.

### **OKALUX insulating glass products with ceramic screen printing**

The colour effect may differ depending on the type of glass and whether it is viewed from the back or the front. In critical cases, we recommend inspecting beforehand specifying the application conditions.

If the glazed surfaces are made up of more than one pane of glass joined together, only glass panes of the same thickness should be used in order to minimise colour differences caused by the natural colour (green tint) of the glass, particularly when there are large areas of screen-printing. As an alternative, we recommend using white glass to reduce this effect.

Protective coatings against heat or sunlight can lead to colour changes when used in combination with screen-printed panes.

If a heat and solar protection coating is applied to the ceramic screen print, the emissive usually increases. This may result in the U-value for the insulating glass increasing by approx. 0,2 - 0,5 W/m<sup>2</sup>K. The U-value can only be determined by measurement.

### **OKALUX products with enamelled glass (e.g. parapet panes)**

Because the colour effect may vary for different glass thicknesses, only enamelled glass panes of the same thickness should be used in the facade.

When ordering, it must be stated if the product is to be used without cover strips (structured glazing), because of way the edge is processed.

Enamelled glass should be used in front of an obscured, uniformly coloured dark background. Without a dark background, parapet glass panes can appear blurred and cloudy.

In insulation construction, when enamelling is planned at Positions 3 or 4, the air gap should be reduced to 8 mm because of the strong heating effect in insulating glass.

# CUSTOMER NOTES



*We take architectural glass a step ahead.*

## **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](http://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 installation of OKAFLEX  
Customer notes installation of OKAPANE  
Customer notes OKAWOOD tolerances  
Customer notes – OKACELL product specification  
Cleaning instructions for OKALUX gen.  
Cleaning instructions OKACOLOR  
Guideline for visual quality