

## 1. 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 emissivity 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.

## 2. 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.