

## **OKATECH Insulating glass with metal fabric/expanded metal insert**

### **Outer pane**

Thermally toughened glass according to static and/or construction requirements, with a minimum of ..... mm, with heat and/or combined sun and heat protection layer. Edge screen printing or edge enameling on position 2 are required to cover the technically necessitated expansion gap between the metal insert and the distance holder.

### **Cavity I**

... mm with hermetic insulating glass edge seal according to German Standard DIN EN 1279. The metal insert ..... must be pressed on the outer pane by a pressure disc in the pane cavity with additional distance holders. The interior pressure disc to be carried out on position 4 in ESG in a thickness of ..... mm with a heat or combined sun-/heat protection coating. The insert must be free of volatile materials such as oil, grease, etc. This must be tested and verified by a Fogging Test according to German Standard DIN EN 1279-4. The metal insert has a direction-selective g-value. The g-value is low when solar altitudes are high.

### **Middle pane**

Thermally toughened glass according to static and/or constructive requirements, with a minimum of ..... mm.

### **Cavity II**

8 – 12 mm with hermetic insulating glass edge seal according to German Standard DIN EN 1279 and gas filling depending on the Ug-value requirement.

### **Inner pane**

Thermally toughened glass according to static and/or constructive requirements, with at least .....mm, with heat protection layer.

### **Technical data as required:**

The structural values are to be verified by appropriate calculations and/or measurements.

Light transmission	.....	%
TSET	.....	%
Ug-value	.....	W/m <sup>2</sup> K