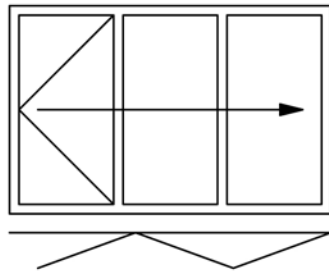


**I Thermal transmission coefficient****Exemplary model calculation**

Product/Component	<u>Three-panel folding façade (I-3R / I-3L)</u>
Designation	<u>SL 80 / SL 81</u>
Exterior dimensions (W x H)	<u>2700 mm x 2300 mm</u>
(Frame) Material	<u>Aluminium / Polyamide composite profiles</u>
Special features	<u>Heat-insulated glass <math>U_g = 1,1 \text{ W/m}^2\text{K}</math> Glass / Aluminium composite surround ("cold edge")</u>



Calculation of  $U_w$  value according to DIN EN ISO 10077-1:2000-11

**SL 80 / SL 81  $U_w = 1,6 \text{ W/m}^2\text{K}$**

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If glass with a higher  $U_g$  value is used or the outer edge of the composite profile („warm edge“) is thermally improved, the  $U_w$  value of the folding façade is improved accordingly.

