Thermal transmittance calculation

M SORA
Okno je več kot pogled

Product	**Single tilt and turn window**

|	
Type of window	**NATURE**
Frame material	Wood – spruce (*Picea abies* (L.) Karst)
Thermal transmittance of a frame	$U_f = 1,2$ W/m^{2}K, $b_f = 118$ mm $U_{f,sp} = 1,4$ W/m^{2}K, $b_f = 137$ mm
Thermal transmittance of a glazing	$U_g = 1,1$ W/m^{2}K, (4/16Ar/4)
Specific thermal transmittance of a spacer	$\Psi = 0,043$ W/mK, TGI spacer
Window dimension (w x h)	1230 mm × 1480 mm

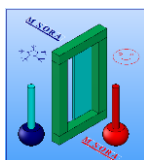**Basis:**
EN 14351-1:2006

Calculation norm:
EN 10077-2:2012
(Calculation of thermal transmittance – Numerical method for frames)

Detail used in calculation:
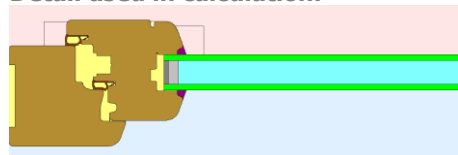
Validity:
The data and results refer solely to the described specimen or to the specimen of bigger dimension but with the same frame and glazing details.

Window thermal transmittance:

$$U_w = 1,3 \text{ W/m}^2\text{K}$$