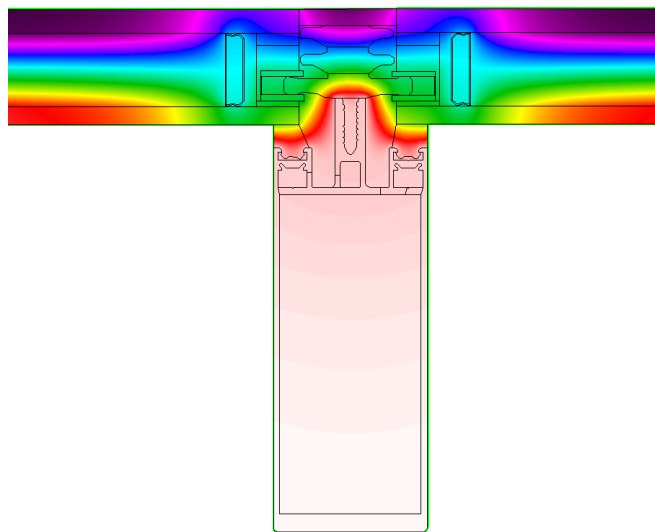


Shows the calculated value of the heat transfer coefficient for double-glazed windows with aluminum spacers, taking into account profile systems. The thermal analysis was carried out using the Window (v.6.3.74.0) + Therm (version 6.3.46.0) software package developed at the Lawrence Berkeley Laboratory (LBNL) at the University of California, USA.

Thermal characteristics of glazing Traditional Frame & Glass System

No	The formula of the double-glazed window+system	Dimensions (mm)	U(W/m ² ·°K)
1	Traditional Frame & Glass System 8SunGuard HP Neutral 60/40 ESG – 18Ar – 6 M1 ESG – 18Ar – 6ClimaGuard Premium T+ ESG + Shueco FW 50 SG	1200 x 3200	1.30
2		1500 x 3200	1.23
3	Aestech Solution 8 SunGuard HP Neutral 60/40 ESG – 18Ar – 6 M1 ESG – 18Ar – 6ClimaGuard Premium T+ ESG + Shueco FWS 50 SG (top-bottom) + pultrusion (vertical)	1200 x 3200	1.00
4		1500 x 3200	0.98

Traditional Frame & Glass System



Aestech Solution

