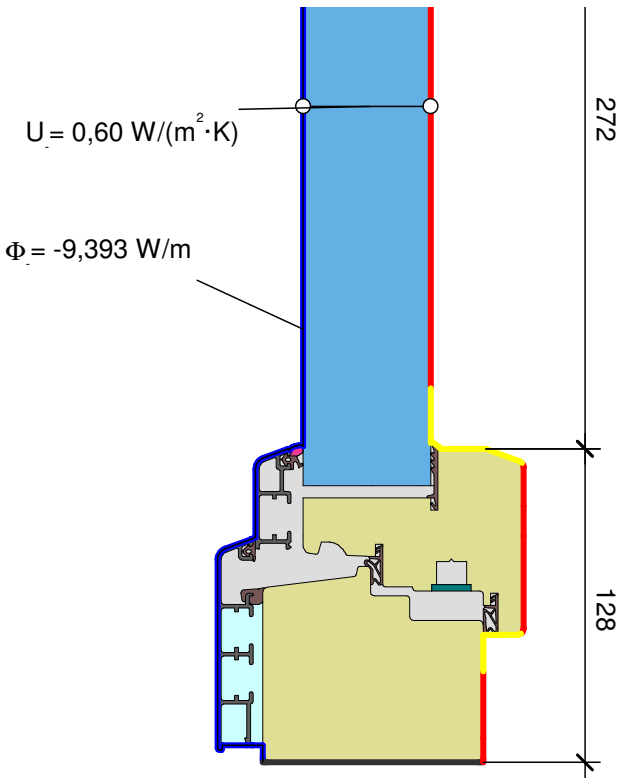


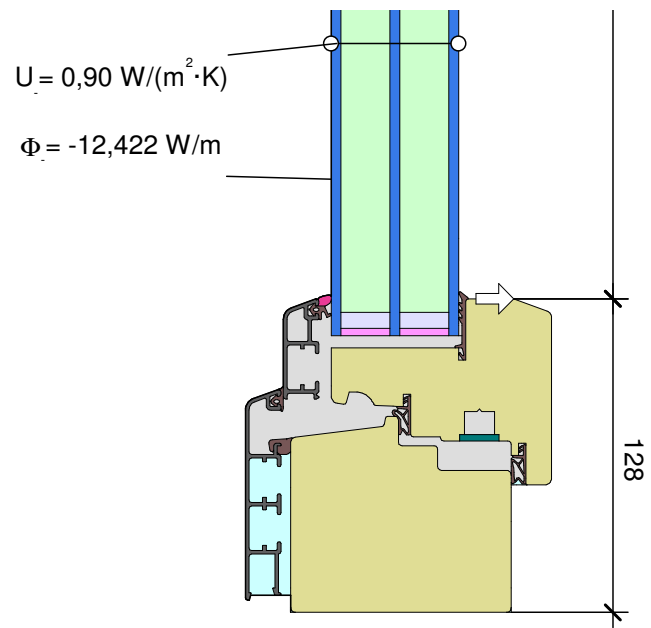
Boundary Condition	q[W/m <sup>2</sup> ]	θ[°C]	R[(m <sup>2</sup> ·K)/W]	ε
Adiabatic	0,000			
Exterior   Außen		-10,000	0,040	
Interior, frame, normal		20,000	0,130	
Interior, frame, reduced		20,000	0,200	
e 0,9 Cavity   Hohlraum				0,900

Material	λ[W/(m·K)]	ε
Aluminum   Aluminium 10456	160,000	0,900
Ar20 in 52 mm U 0,9	0,043	
EPDM	0,250	0,900
EPDM foam   Moosgummi	0,050	0,900
Glass   Glas	1,000	0,900
Polysulfide   Polysulfid	0,400	0,900
SWISSP. Ultimate Box 2	0,140	
Slightly vent. cav.   leicht bel. Hohlr.		
Softwood, OSB   Weichholz, OSB 10456	0,130	0,900
Steel   Stahl	50,000	0,900
Unvent. cavity   unbel. Hohlr.		

Boundary Condition	q[W/m <sup>2</sup> ]	θ[°C]	R[(m <sup>2</sup> ·K)/W]	ε
Adiabatic	0,000			
Exterior   Außen		-10,000	0,040	
e 0,9 Cavity   Hohlraum				0,900
fRsi: Interior   Innen		20,000	0,250	



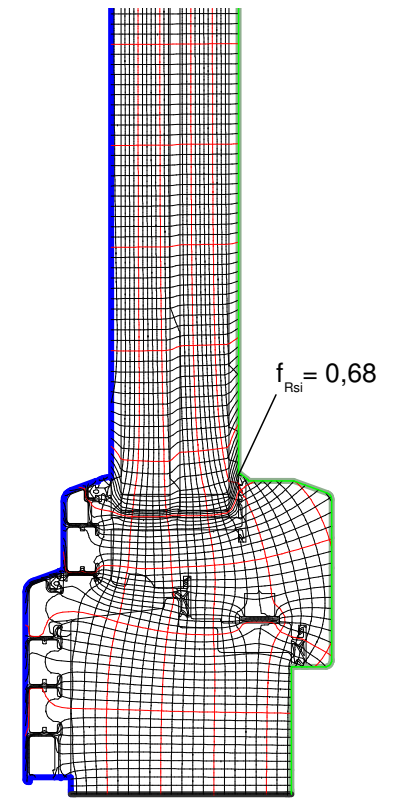
$U_f = 1,16 \text{ W}/(\text{m}^2 \cdot \text{K})$



$\psi = 0,020 \text{ W}/(\text{m} \cdot \text{K})$

$U_w@U_g=0,9\text{W}/(\text{m}^2\text{K}) = 1,04 \text{ W}/(\text{m}^2\text{K})$

$U_w@U_g=0,6\text{W}/(\text{m}^2\text{K}) = 0,84 \text{ W}/(\text{m}^2\text{K})$



Recommended for climate zone

arctic	cold	cool, temperate	warm, temperate	warm	hot	very hot	