

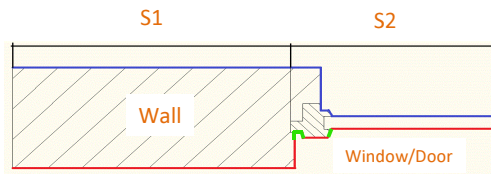
Window / Door side

U_{1D} Wall	0,102	W/m ² K
U_{2D} Window	0,798	W/m ² K
U_{2D}	0,274	W/m ² K




Length S1	1,440	m
Length S2	0,450	m
Total length	1,890	m

L_{1D}	0,505	W/mK
L_{2D}	0,517	W/mK

Ψ_e	0,012	W/mK
----------	-------	------

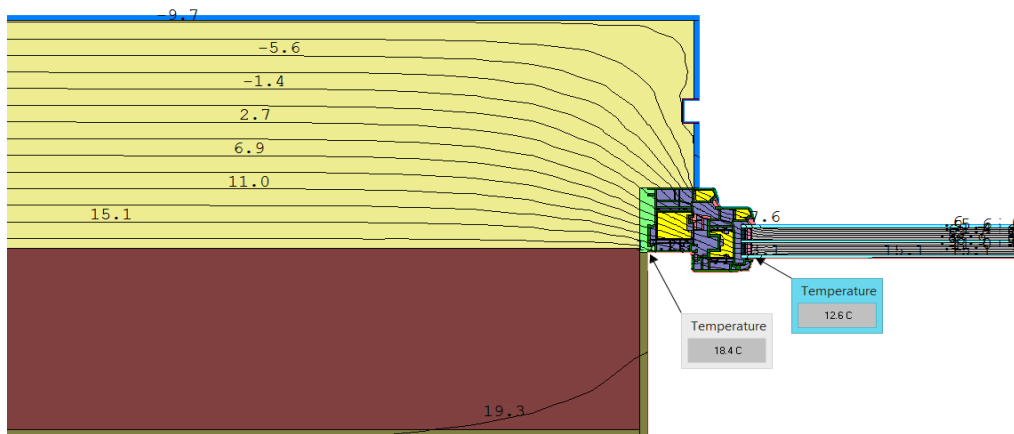


projected X
projected X

PHI				
Boundary Conditions	R_s	θ	R_s	θ
	0,13	20,00	0,25	20,00
	0,13	20,00	0,20	20,00
	0,04	-10,00	0,04	-10,00
Psi-value			f_{RSi}	

lowest interior temperature: 12,6°C
 f_{RSi} at 20 °C / -10 °C 0,75 > 0,7 requirement fulfilled

Isotherms:



Basic information:

wall - lime-sand blocks 240mm + greywall insulation 300mm

windows - Rehau Geno Passiv with triple glazing 44mm



Calculated by: Ing. Richard Hauskrecht

Project	EPD DHZ Trnava
Date	21.11.2014