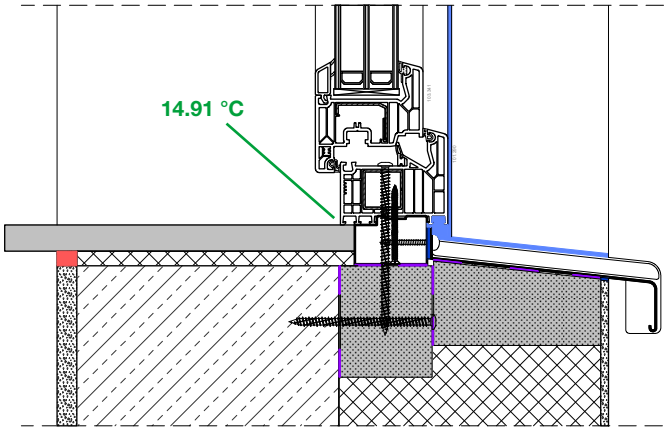
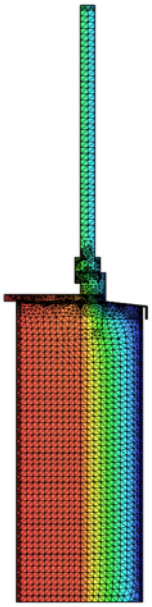
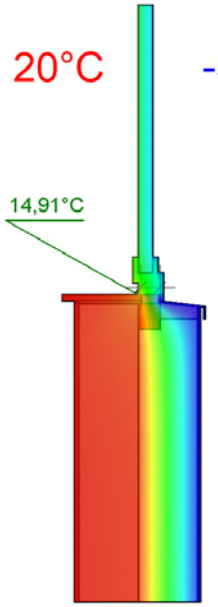
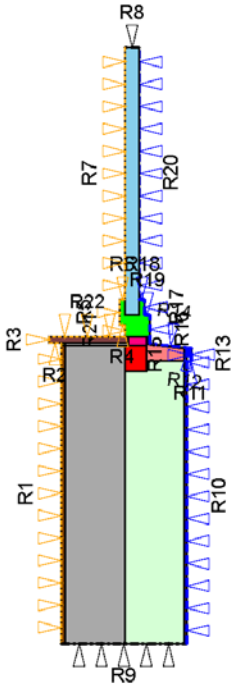
Thermal bridge calculation (f-value)

blaugelb Sill Connection Profile









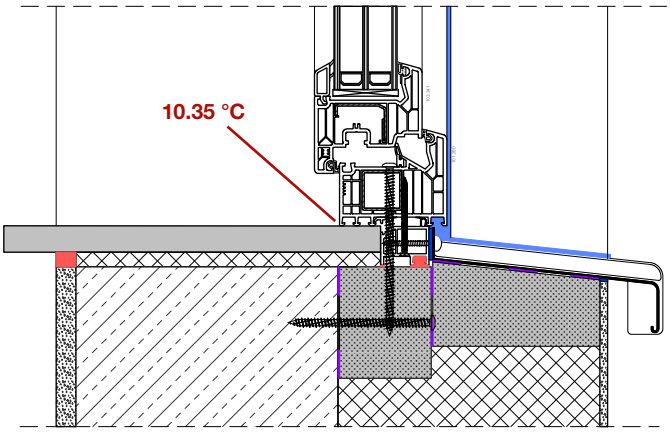
Minimum thermal insulation according to DIN 4108-2 is fulfilled.

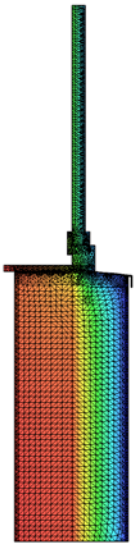
$f_{RSI} = 0.80 > 0.70$

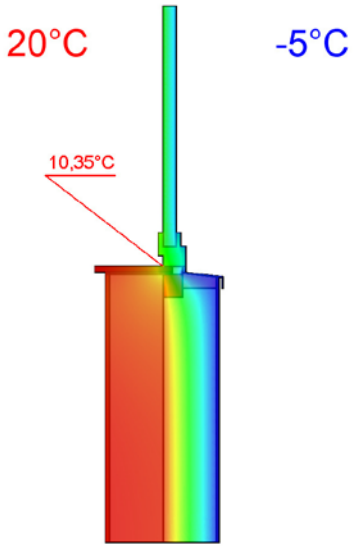
blaugelb Sill Connection Profile
Moisture protection calculation
Outside temperature -5 °C
Interior temperature +20 °C

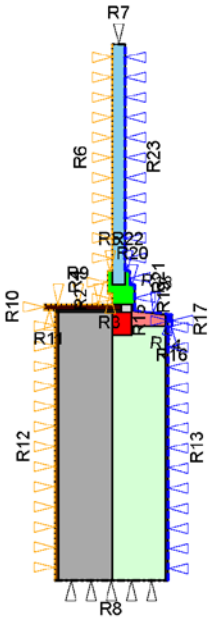
Thermal bridge calculation (f-value)

PVC window sill connection profile









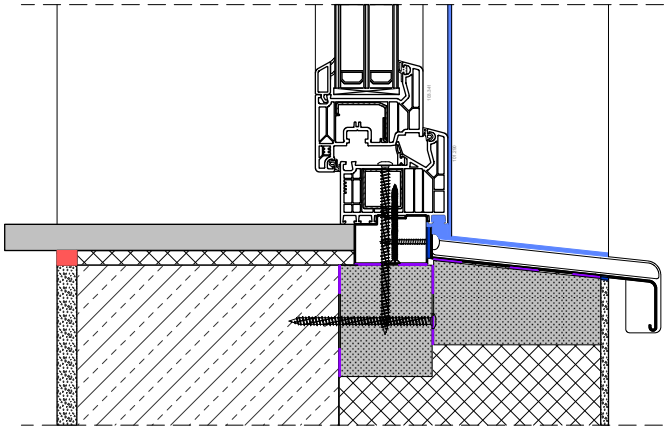
Minimum thermal insulation according to DIN 4108-2 is not fulfilled.

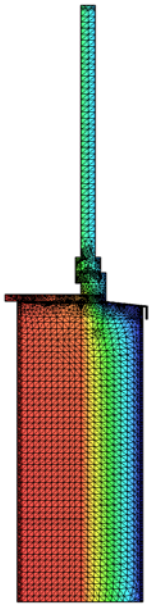
$f_{RSI} = 0.61 < 0.70$

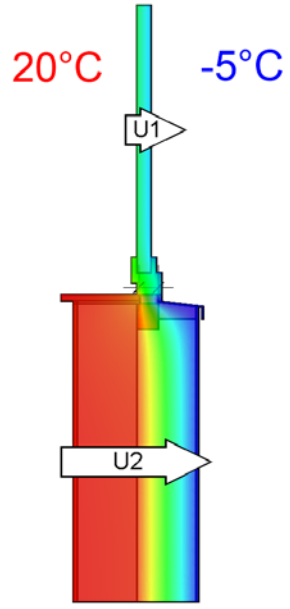
blaugelb Sill Connection Profile
Moisture protection calculation
Outside temperature -5 °C
Interior temperature +20 °C

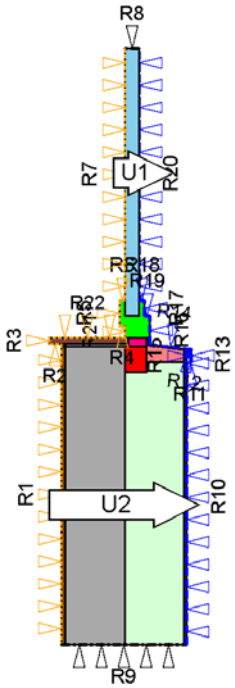
Thermal bridge calculation (Ψ-value)

blaugelb Sill Connection Profile









Thermal bridge loss coefficient

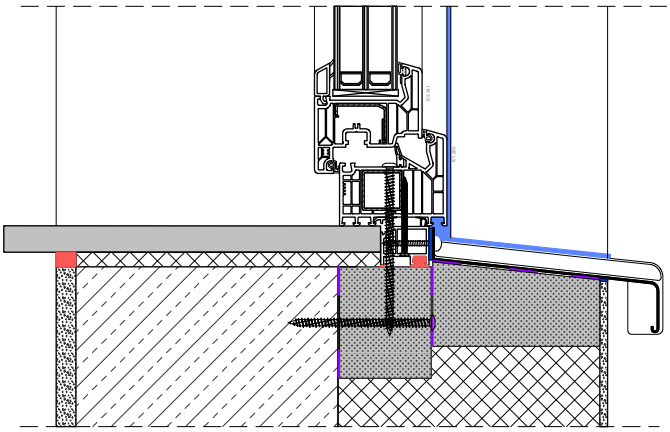
Ψ = -0.019 W/(mK)

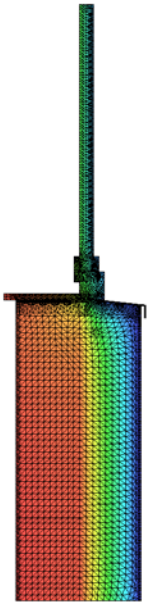
blaugelb Sill Connection Profile
Thermal insulation calculation
Outside temperature -5 °C
Interior temperature +20 °C

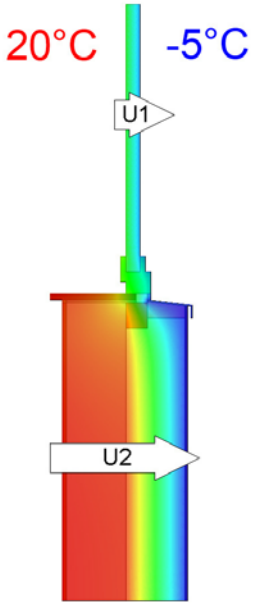
No.	Last name	Length	U-value	Correction factor
U1	U1	1.000 m	4.40 W/(m²K)	F_e (1.00)
U2	U2	1.000 m	0.16 W/(m²K)	F_e (1.00)

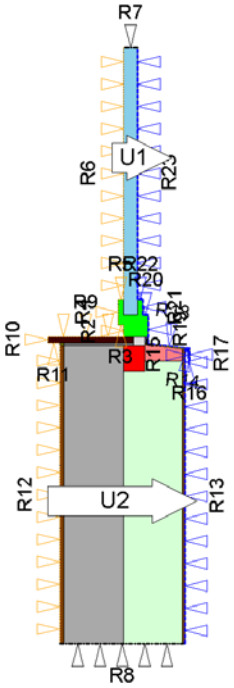
Thermal bridge calculation (Ψ-value)

PVC window sill connection profile









Thermal bridge loss coefficient

Ψ = +0.340 W/(mK)

blaugelb Sill Connection Profile
Thermal insulation calculation
Outside temperature -5 °C
Interior temperature +20 °C

No.	Last name	Length	U-value	Correction factor
U1	U1	1.000 m	3.79 W/(m²K)	F_e (1.00)
U2	U2	1.000 m	0.16 W/(m²K)	F_e (1.00)