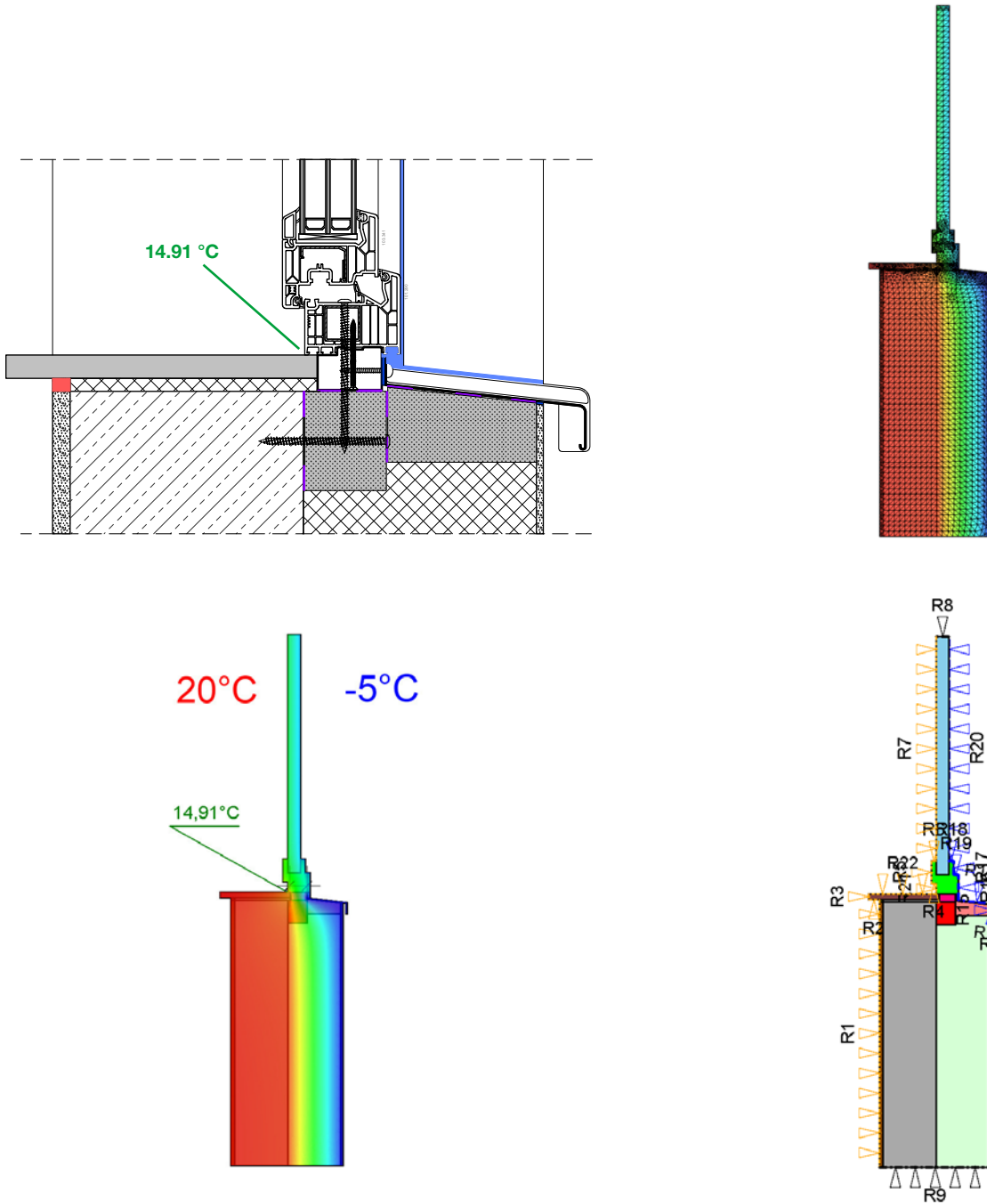


Isothermal curve

Moisture and thermal protection calculation at -5 °C

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

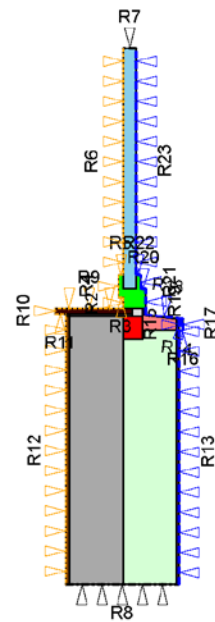
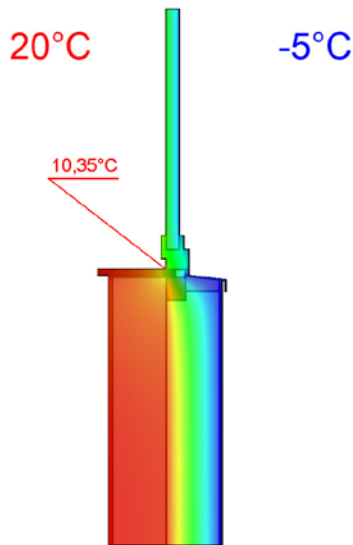
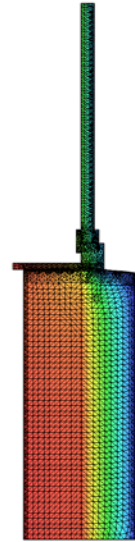
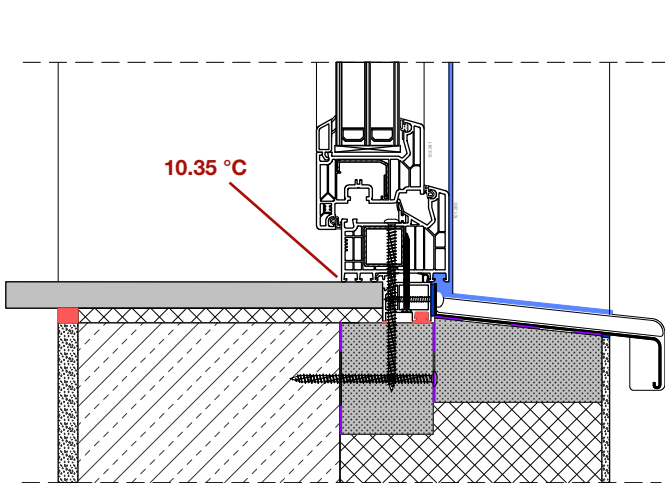
Outside temperature -5 °C

Interior temperature +20 °C

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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

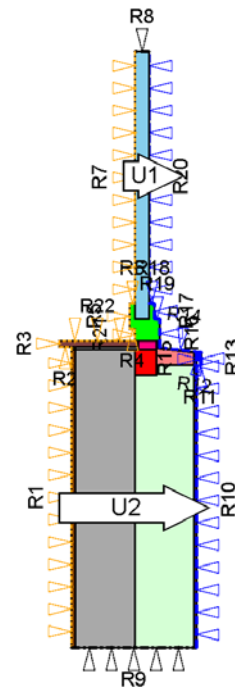
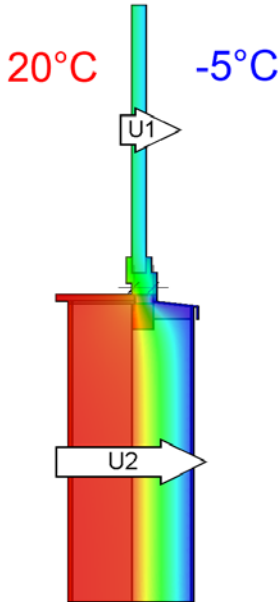
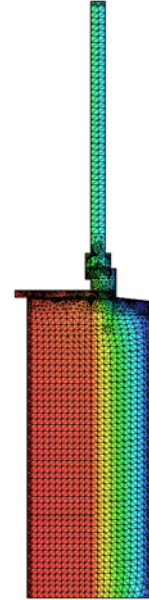
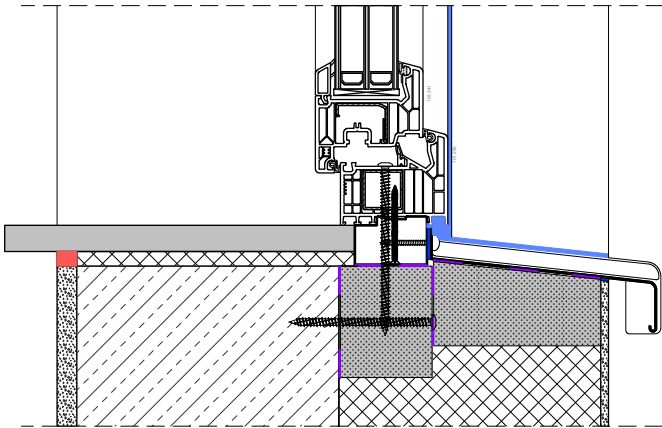
Moisture protection calculation

Outside temperature -5 °C

Interior temperature +20 °C

Thermal bridge calculation (Ψ -value)

blaugelb Sill Connection Profile



Thermal bridge loss coefficient

$$\Psi = -0.019 \text{ W/(mK)}$$

blaugelb Sill Connection Profile

Thermal insulation calculation

Outside temperature -5 °C

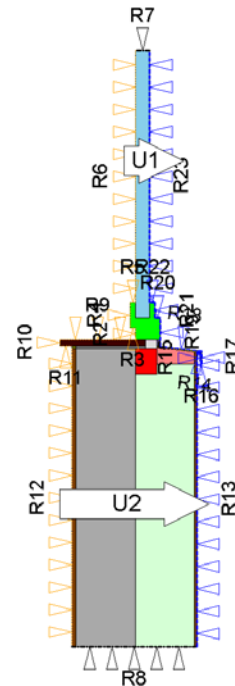
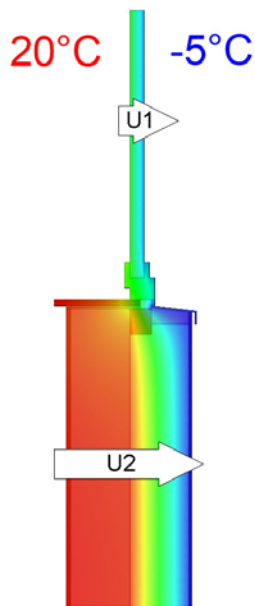
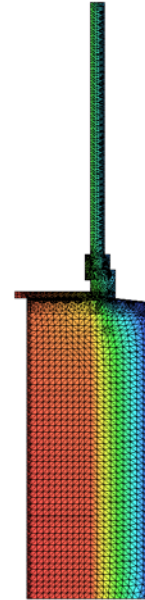
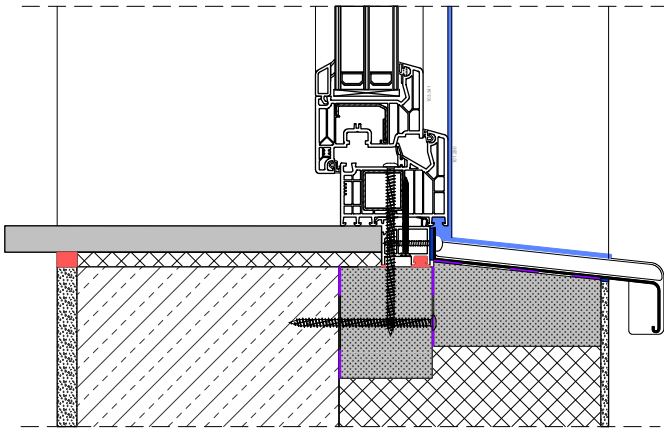
Interior temperature +20 °C

No.	Last name	Length	U-value	Correction factor
U1	U1	1.000 m	4.40 W/(m ² K)	F _e (1.00)
U2	U2	1.000 m	0.16 W/(m ² K)	F _e (1.00)

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Thermal bridge calculation (Ψ -value)

PVC window sill connection profile



Thermal bridge loss coefficient

$$\Psi = +0.340 \text{ W/(mK)}$$

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/(m ² K)	F _e (1.00)
U2	U2	1.000 m	0.16 W/(m ² K)	F _e (1.00)