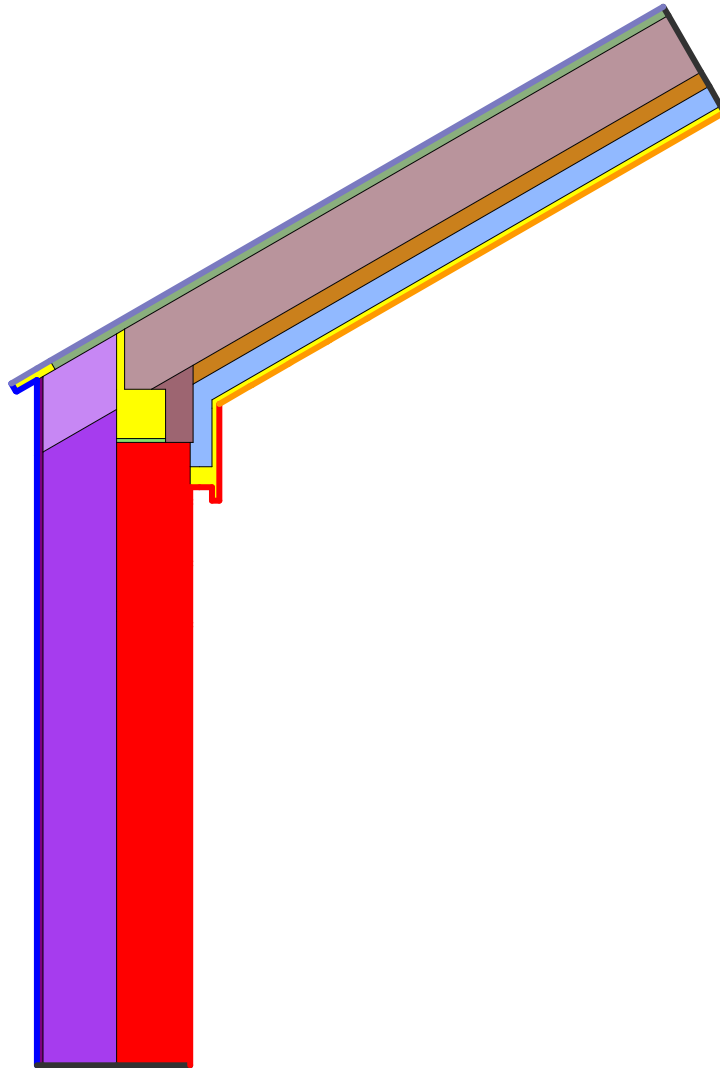
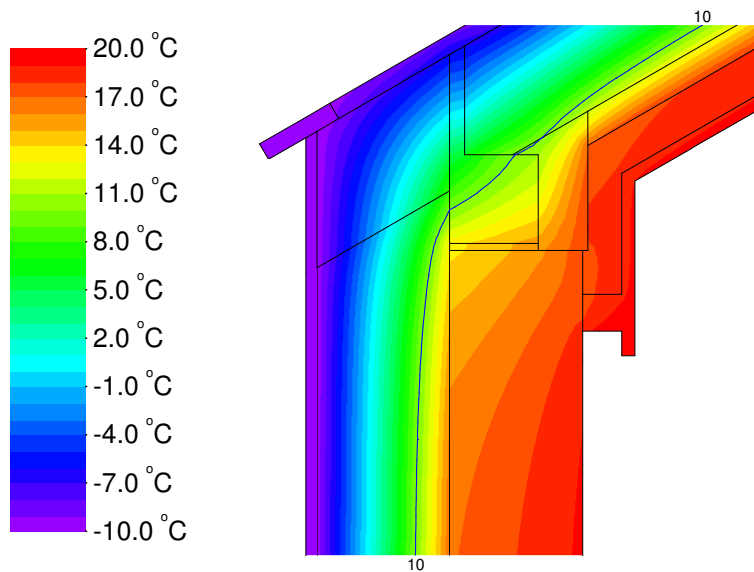
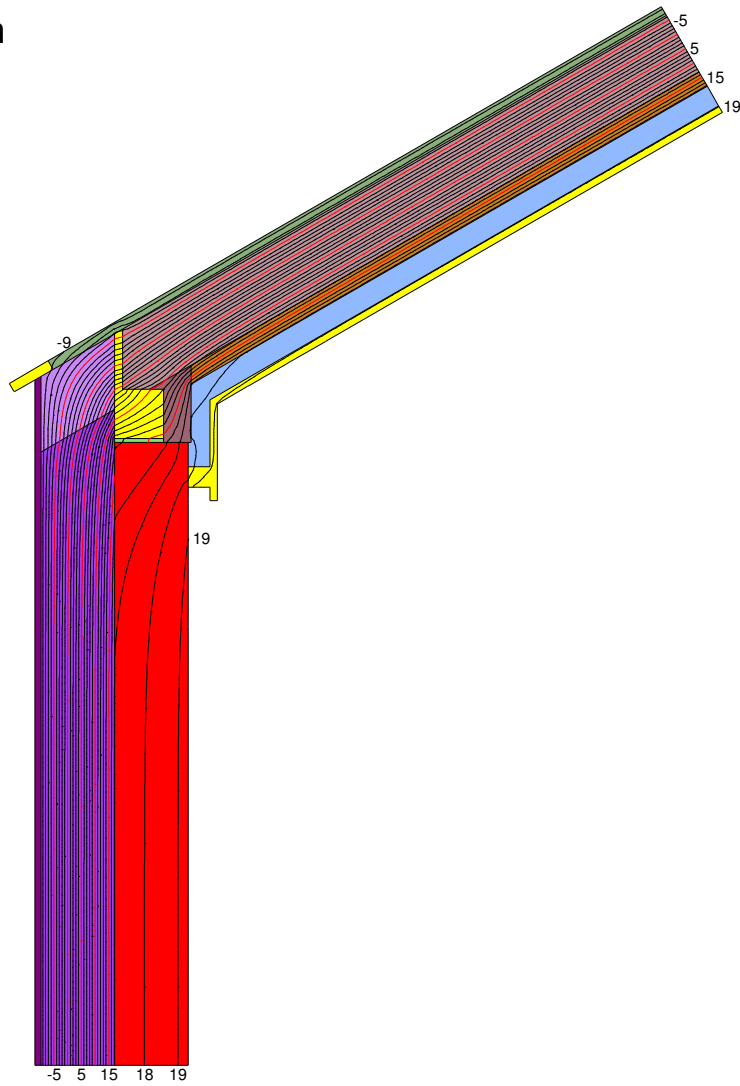


## Eingaben

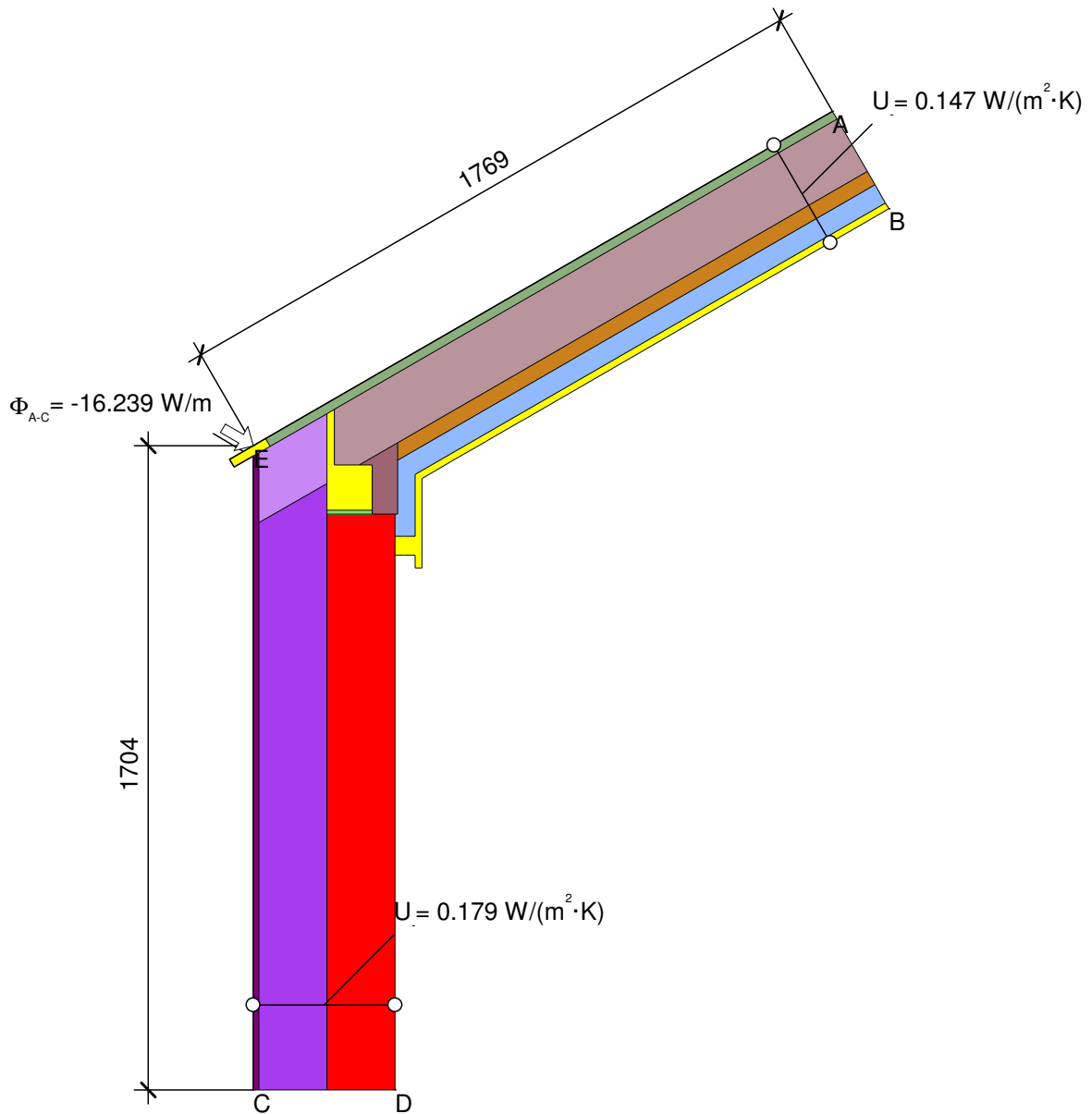


Material	$\lambda$ [W/(m·K)]	Randbedingung	$q$ [W/m <sup>2</sup> ]	$\theta$ [°C]	$R$ [(m <sup>2</sup> ·K)/W]
Aussenputz	0.870	Aussen Dach mit Schalung und Pappe		-10.000	0.340
Flumroc-Dämmplatte 3	0.034	Aussen Standard		-10.000	0.040
Flumroc-Dämmplatte COMPACT	0.036	Innen Standard		20.000	0.130
Flumroc-Dämmplatte COMPACT/Sparen	0.049	Innen Wärmestrom aufwärts		20.000	0.100
Flumroc-Dämmplatte SOLO	0.036	Symmetrie/Bauteilschnitt	0.000		
Flumroc-Dämmplatte SOLO/Sparen	0.036				
Luftschicht, ruhend, aufwärts, Dicke: 55 mm	0.344				
Modulbackstein Einstein	0.440				
Poröse Holzfaserplatten 300	0.056				
Weich-Holz (typisches Bauholz)	0.130				
Zementmörtel	1.400				

## Temperaturen

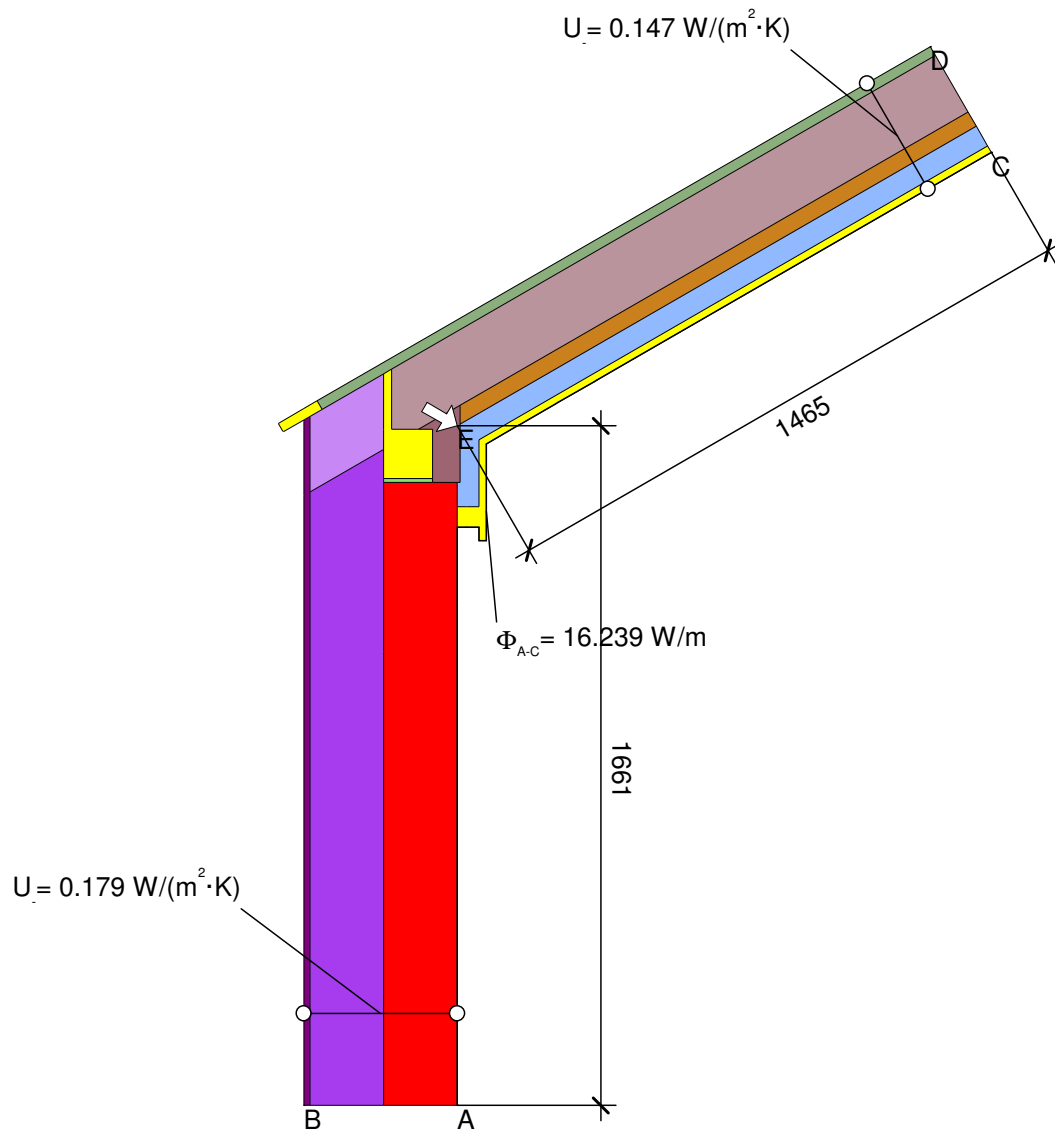


## Psi-Wert Aussenabmessung



$$\psi_{A-E-C} = \frac{\Phi}{\Delta T} - U_1 \cdot b_1 - U_2 \cdot b_2 = \frac{16.239}{30.000} - 0.147 \cdot 1.769 - 0.179 \cdot 1.704 = -0.024 \text{ W}/(\text{m} \cdot \text{K})$$

## Psi-Wert Innenabmessung



$$\psi_{A-E-C} = \frac{\Phi}{\Delta T} - U_1 \cdot b_1 - U_2 \cdot b_2 = \frac{16.239}{30.000} - 0.179 \cdot 1.661 - 0.147 \cdot 1.465 = 0.029 \text{ W}/(\text{m} \cdot \text{K})$$