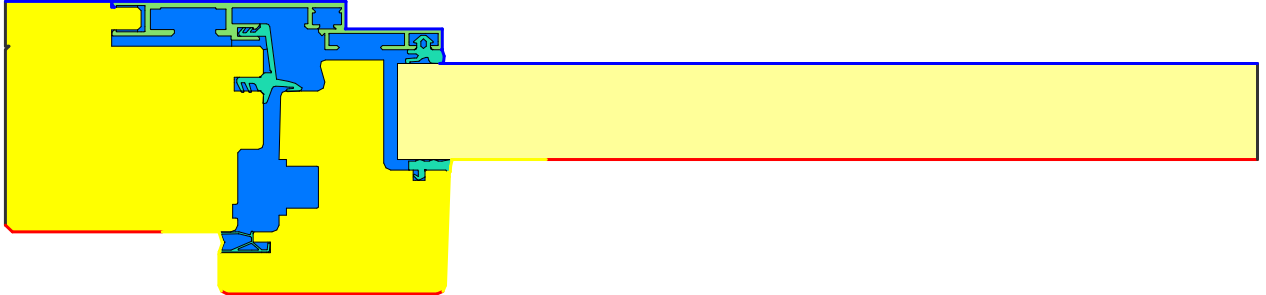


## Eingaben

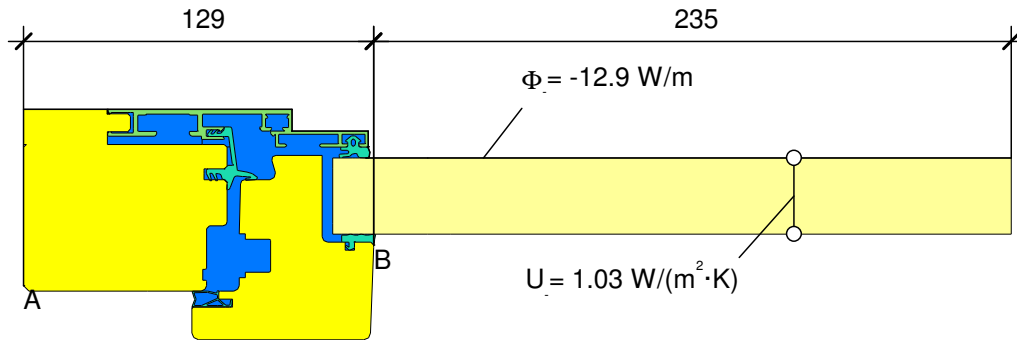


Material	$\lambda$ [W/(m·K)]	$\epsilon$	Randbedingung	$q$ [W/m <sup>2</sup> ]	$\theta$ [°C]	$R$ [(m <sup>2</sup> ·K)/W]	$\epsilon$
Aluminium (Si-Legierungen)	160.000	0.900	Aussen Standard	-10.000		0.040	
EPDM (Ethylen Propylen Dien Monomer)	0.250	0.900	Epsilon 0.9				0.900
Maske	0.035	0.900	Innen Fensterrahmen Reduziert	20.000		0.200	
Unbelüftete Hohlräume			Innen Fensterrahmen Standard	20.000		0.130	
Weich-Holz (typisches Bauholz)	0.130	0.900	Symmetrie/Bauteilschnitt	0.000			

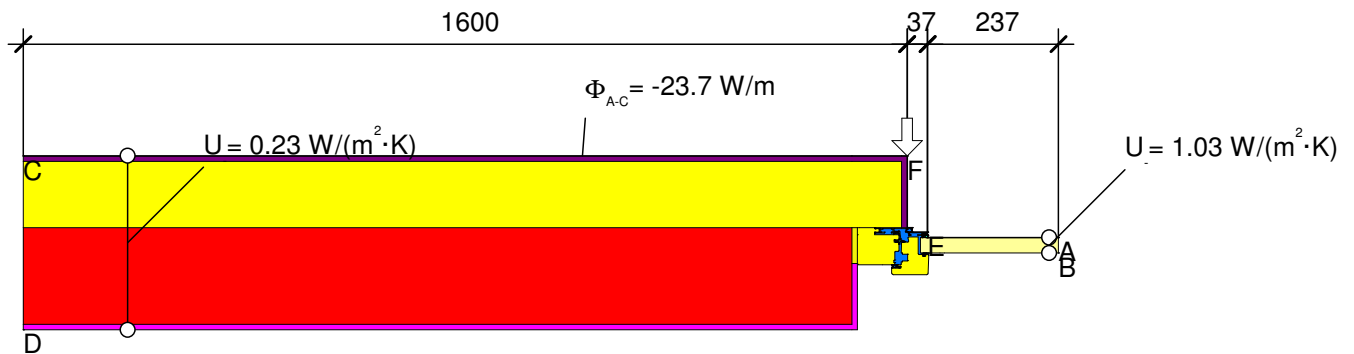


Material	$\lambda$ [W/(m·K)]	$\epsilon$
Aluminium (Si-Legierungen)	160.000	0.900
Aussenputz	0.870	
Dämmung	0.032	0.900
EPDM (Ethylen Propylen Dien Monomer)	0.250	0.900
Innenputz	0.700	
Maske	0.035	0.900
Modulbackstein Einstein	0.440	
Polyuretan (PUR)	0.030	
Unbelüftete Hohlräume		
Weich-Holz (typisches Bauholz)	0.130	0.900

## Einbau Psi-Wert



$$U_{fBA} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{12.898}{30.000} - 1.031 \cdot 0.235}{0.129} = 1.45 \text{ W}/(\text{m}^2 \cdot \text{K})$$



$$\Psi_{A-F-C} = \frac{23.659}{30.000} - 1.031 \cdot 0.237 - 1.454 \cdot 0.037 - 0.230 \cdot 1.600 = 0.122 \text{ W}/(\text{m} \cdot \text{K})$$