



$$U_{f,A,B} = \frac{\frac{\Phi}{\Delta T} - U_p \cdot b_p}{b_f} = \frac{\frac{5,500}{20,000} - 0,834 \cdot 0,195}{0,109} = 1,03 \text{ W/(m}^2 \cdot \text{K)}$$

Material	λ [W/(m·K)]	ϵ	Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W]	ϵ
Aluminium (Si Alloys)	160,000	0,900	Epsilon 0.9				0,900
EPDM (ethylene propylene diene monomer)	0,250	0,900	Exterior, frame	0,000	0,040		
Elvial I2 foam	0,022		Interior, frame, normal	20,000	0,130		
Panel	0,035	0,900	Interior, frame, reduced	20,000	0,200		
Polyamid 6.6 with 25% glass fibre	0,300	0,900	Symmetry/Model section	0,000			
Polyethylene foam	0,050	0,900					
Unventilated air cavity	anisotropic						