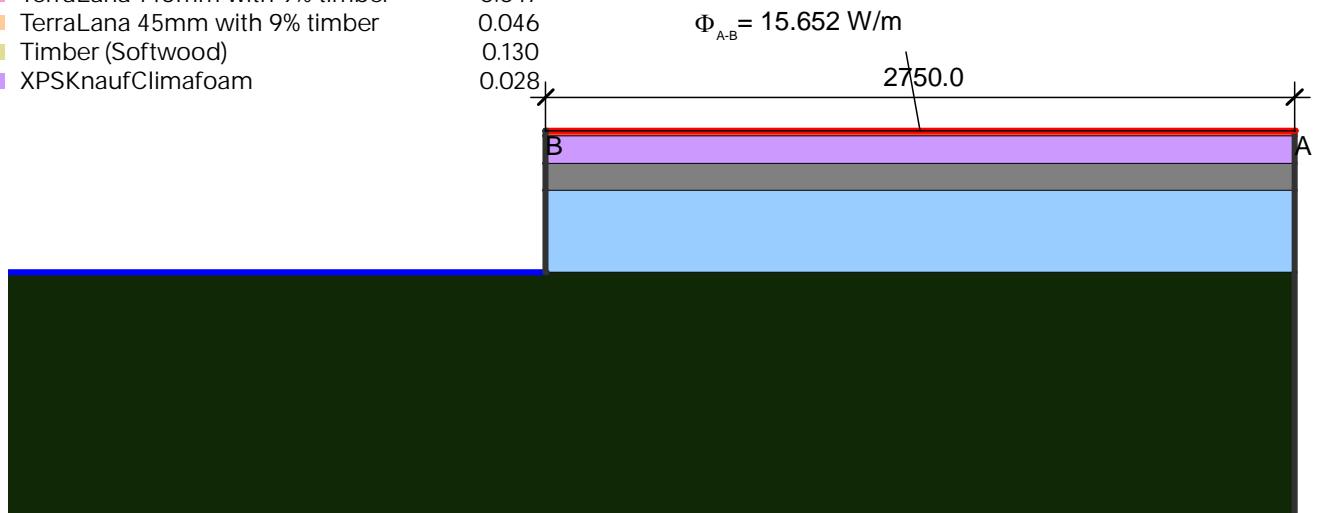


$$\Psi_{A-E-C} = \frac{23.350}{30.000} - \frac{15.652}{30.000} - 0.232 \cdot 1.545 = -0.102 \text{ W/(m}\cdot\text{K)}$$

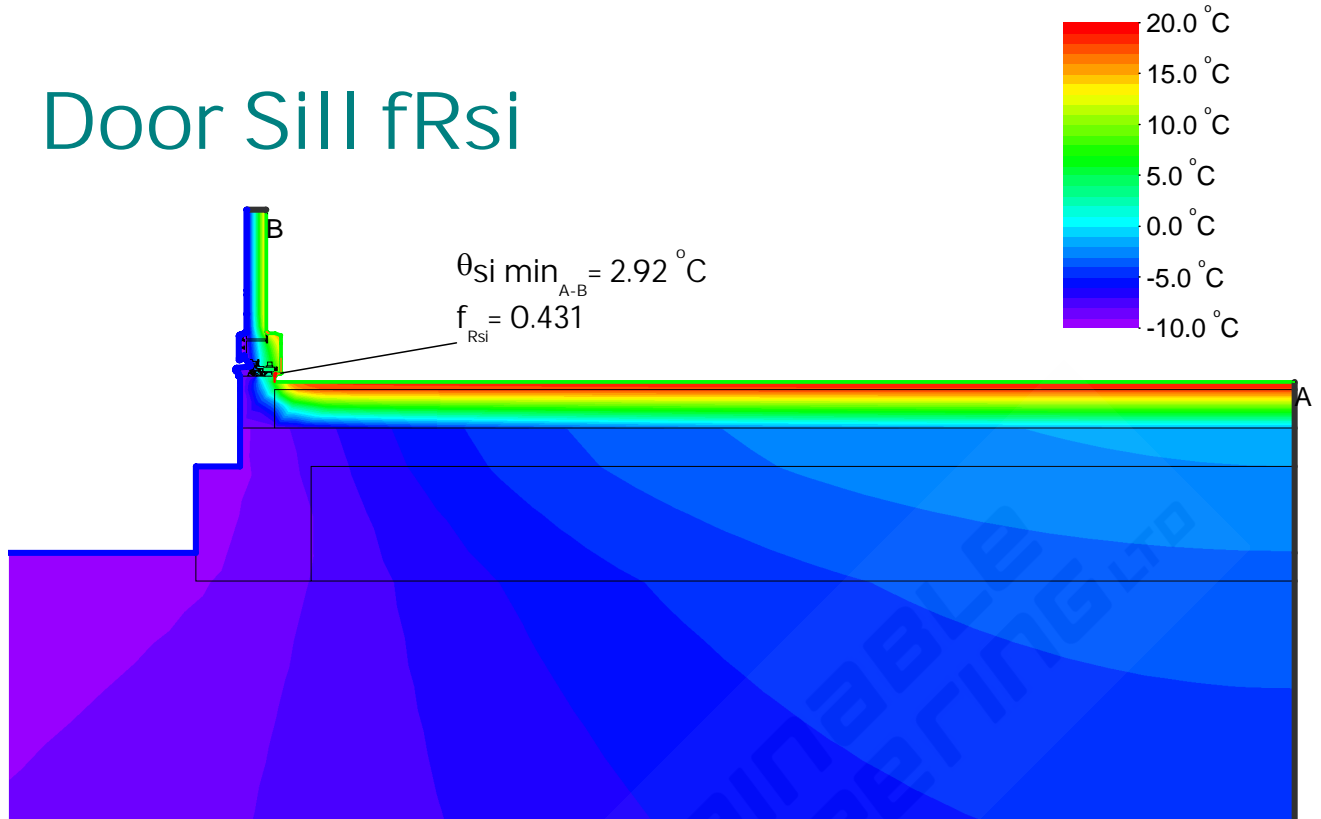
Boundary Condition	q[W/m <sup>2</sup> ]	θ[°C]	R[(m <sup>2</sup> ·K)/W]	ε
Exterior, normal		-10.000	0.040	
Exterior, ventilated		-10.000	0.130	
Interior, heat flux, downwards		20.000	0.170	
Interior, normal, horizontal		20.000	0.130	
Symmetry/Model section	0.000			

Material	λ[W/(m·K)]
Concrete, EPS, Airspace	1.127
Concrete, reinforced	2.100
Plasterboard	0.250
Sand and gravel	2.000
TerraLana 140mm with 9% timber	0.047
TerraLana 45mm with 9% timber	0.046
Timber (Softwood)	0.130
XPSKnaufClimafoam	0.028



# Door Sill fRsi



Boundary Condition	$\theta [^{\circ}\text{C}]$	$R[(\text{m}^2 \cdot \text{k})/\text{W}]$	Material	$\lambda[\text{W}/(\text{m} \cdot \text{K})]$
Exterior, normal	-10.000	0.040	Aluminium (Si Alloys)	160.000
Interior fRsi	20.000	0.250	Concrete, EPS, Airspace	1.127
Symmetry/Model section			Concrete, reinforced	2.100
			EPDM (ethylene propylene diene monomer)	0.250
			PVC (polyvinylchloride), rigid	0.170
			Panel	0.035
			Sand and gravel	2.000
			Steel	50.000
			Timber	0.130
			Timber (Softwood)	0.130
			XPSKnaufClimafoam	0.028
			Slightly ventilated air cavity *	
			Unventilated air cavity *	

\* Simplified approach