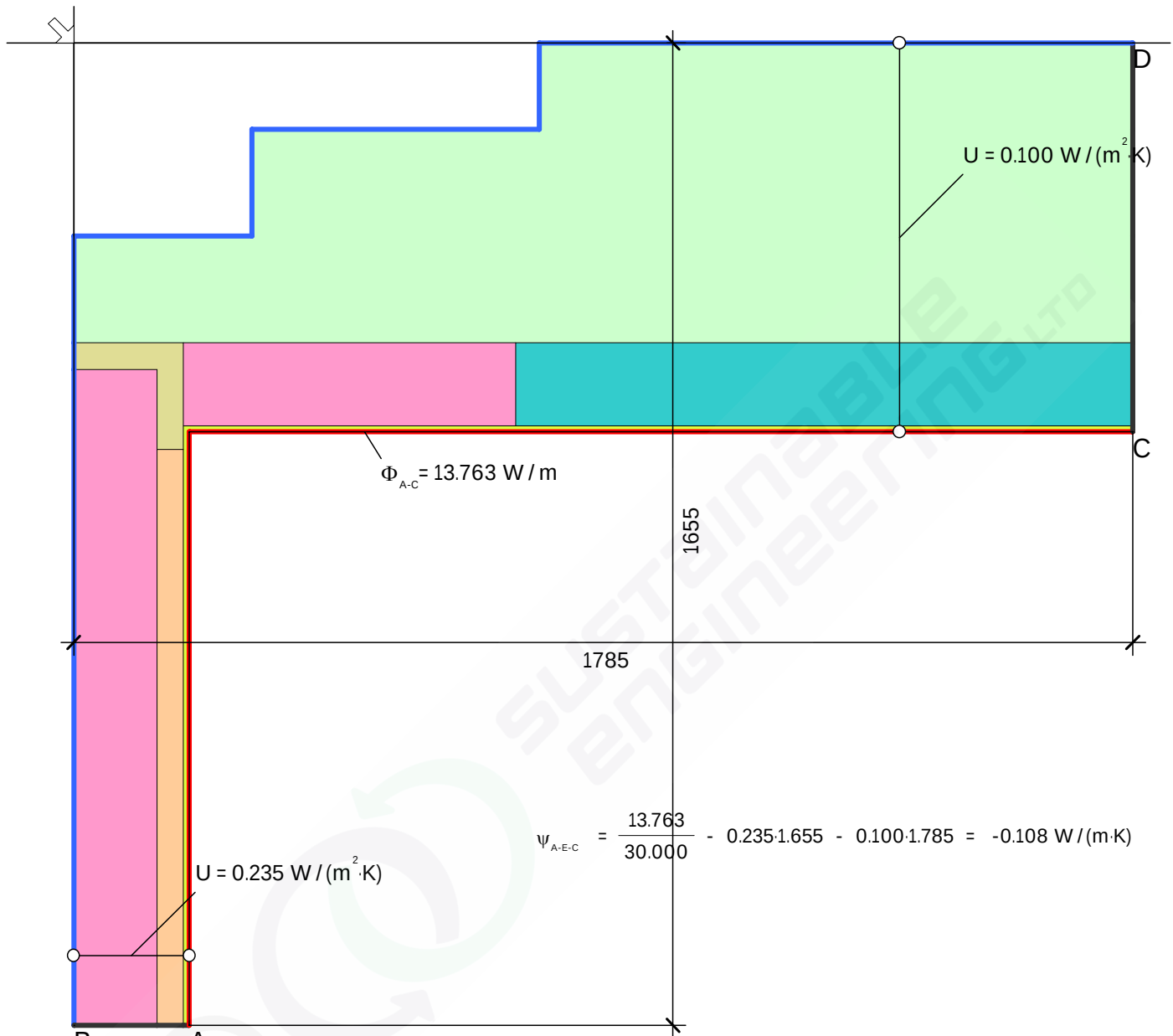


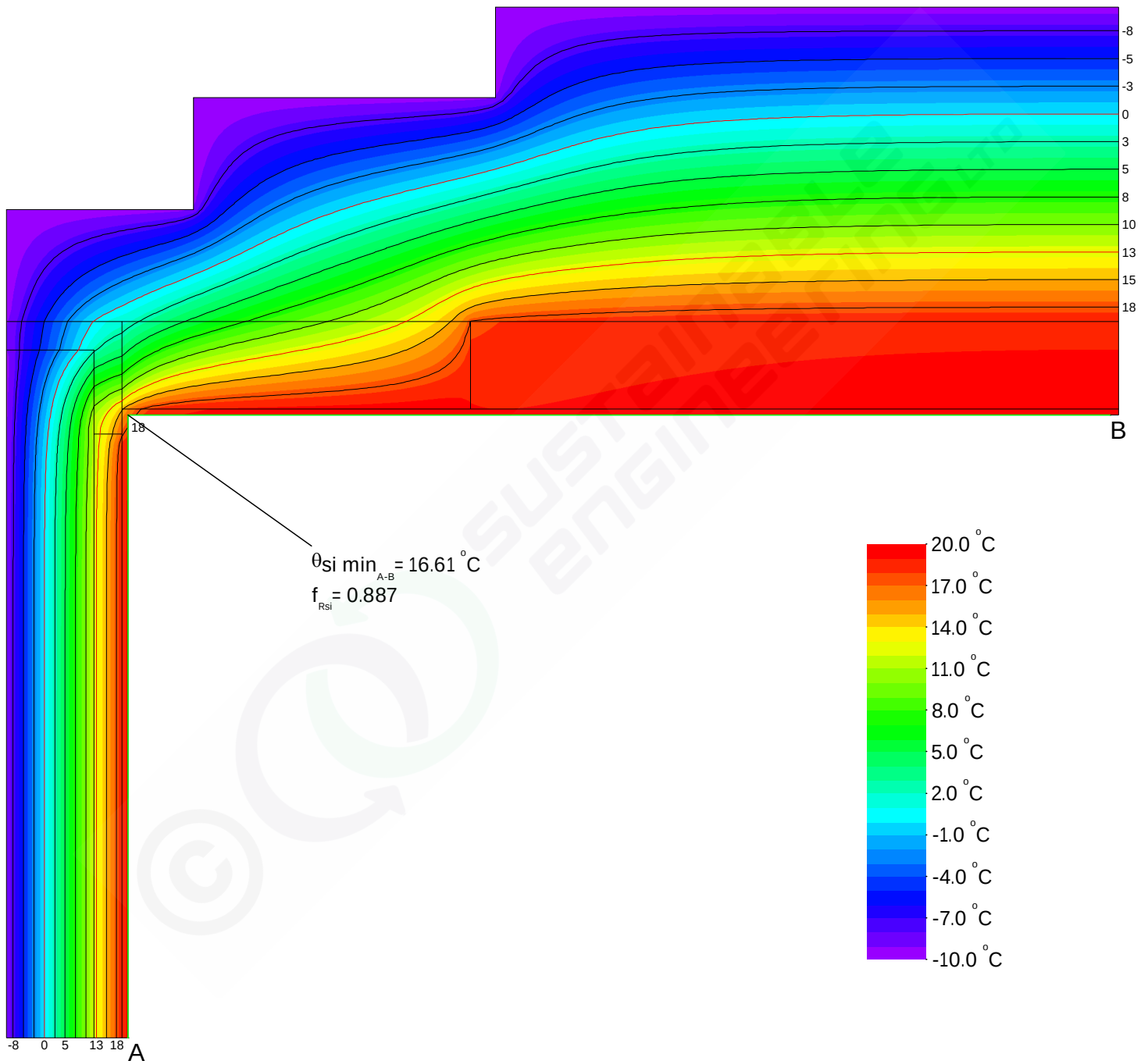
Roof Edge



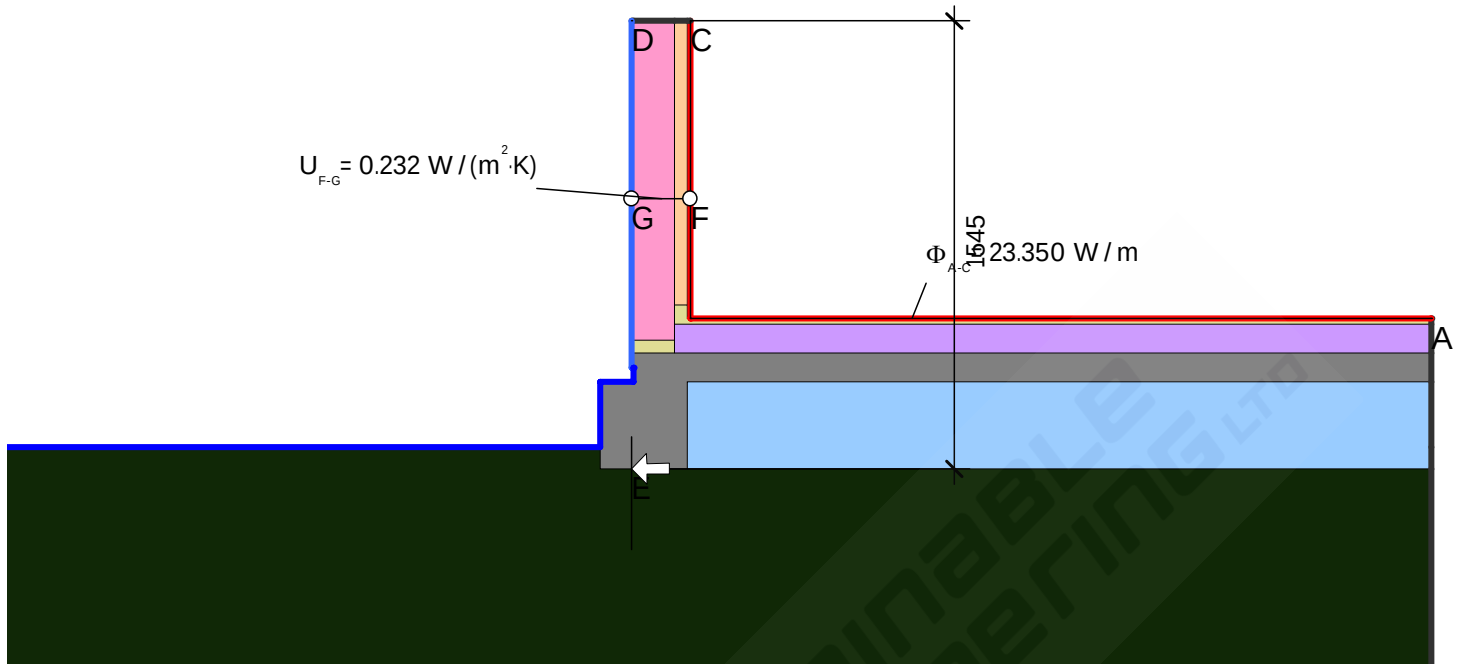
Material	λ [W/(m·K)]	ϵ	δ [mg/(m·h·Pa)]
140mm airspace with 9% timber	0.794	0.900	
Plasterboard (1)	0.250	0.900	
TerraLana 140mm with 9% timber	0.047	0.900	
TerraLana 45mm with 9% timber	0.046	0.900	
TerraLana Ceiling with 6% timber	0.053	0.900	
Timber (Softwood)	0.130	0.900	

Boundary Condition	q [W/m ²]	θ [°C]	R [(m ² ·K)/W]	ϵ	ϕ [%]
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				

Roof Edge fRsi

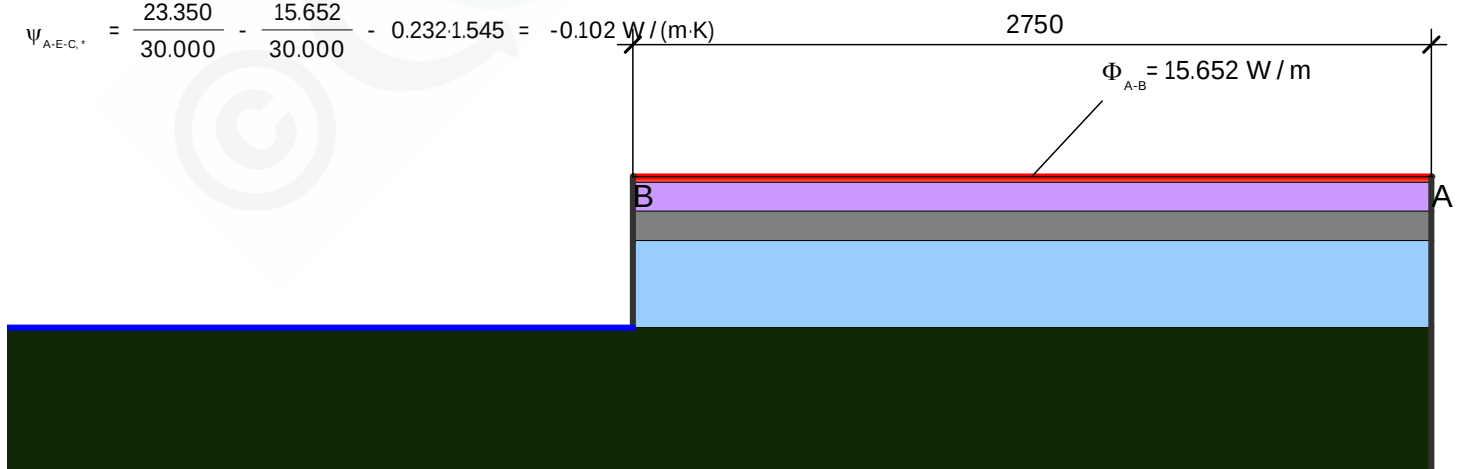


Slab Edge

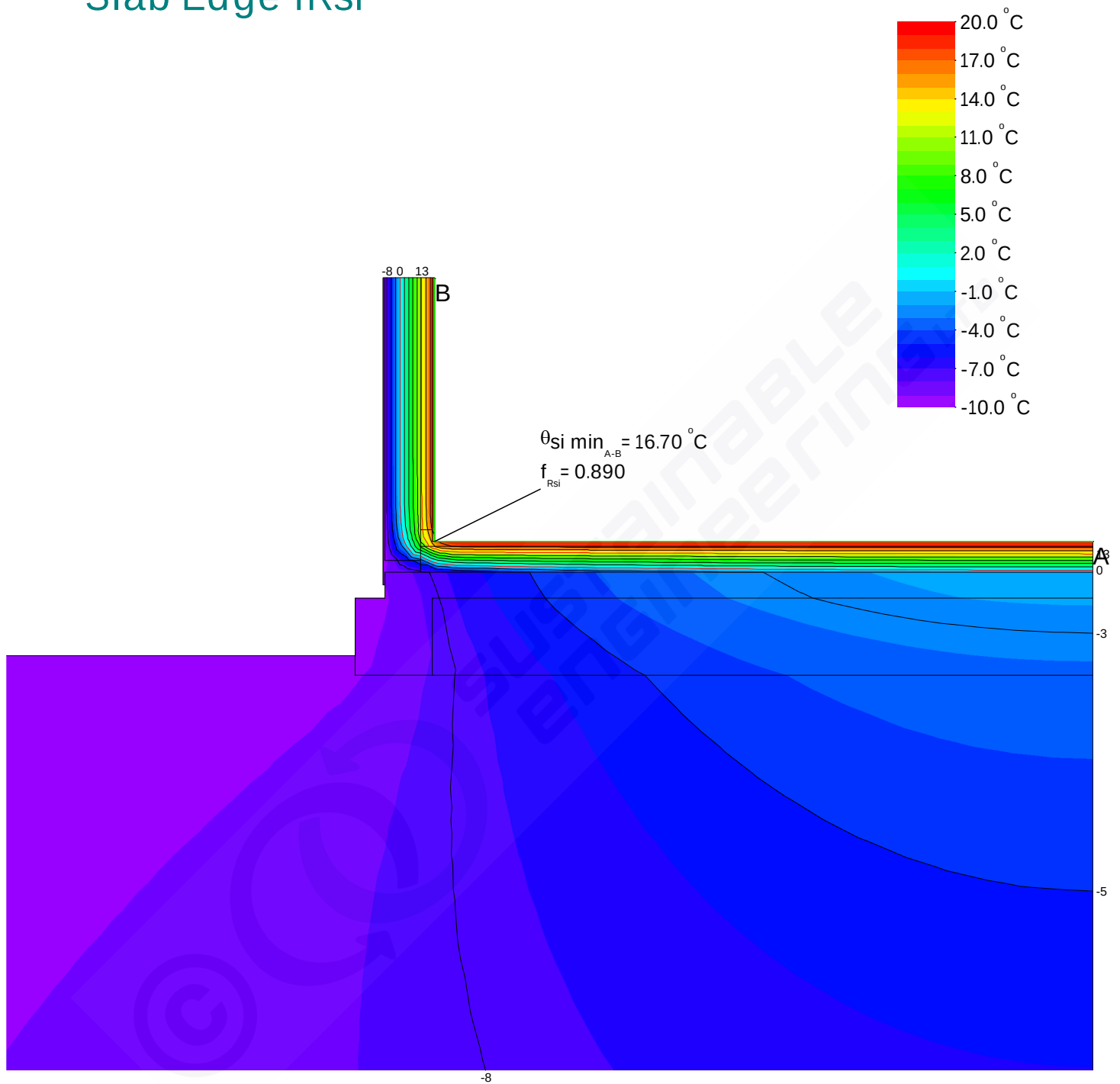


Material	$\lambda[\text{W} / (\text{m} \cdot \text{K})]$	ε	$\delta[\text{mg} / (\text{m} \cdot \text{h} \cdot \text{Pa})]$		
Concrete, EPS, Airspace	1.127	0.900			
Concrete, reinforced	2.100	0.900			
Plasterboard	0.250	0.900			
Sand and gravel	2.000	0.900	0.013		
TerraLana 140mm with 9% timber	0.047	0.900			
TerraLana 45mm with 9% timber	0.046	0.900			
Timber (Softwood)	0.130	0.900			
XPSKnaufClimafoam	0.028	0.900			
Boundary Condition	$q[\text{W} / \text{m}^2]$	$\theta[^\circ \text{C}]$	$R[(\text{m}^2 \cdot \text{K}) / \text{W}]$	ε	$\varphi[\%]$
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				

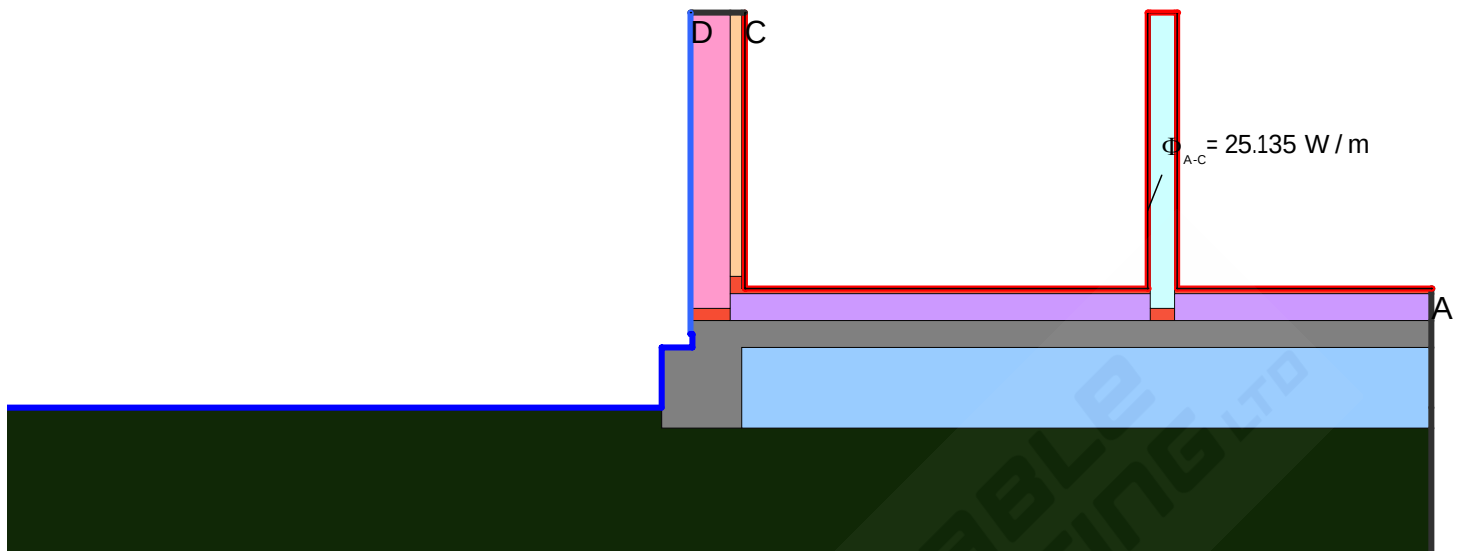
$$\psi_{A-E-C,*} = \frac{23.350}{30.000} - \frac{15.652}{30.000} - 0.232 \cdot 1.545 = -0.102 \text{ W/(m} \cdot \text{K)}$$



Slab Edge fRsi



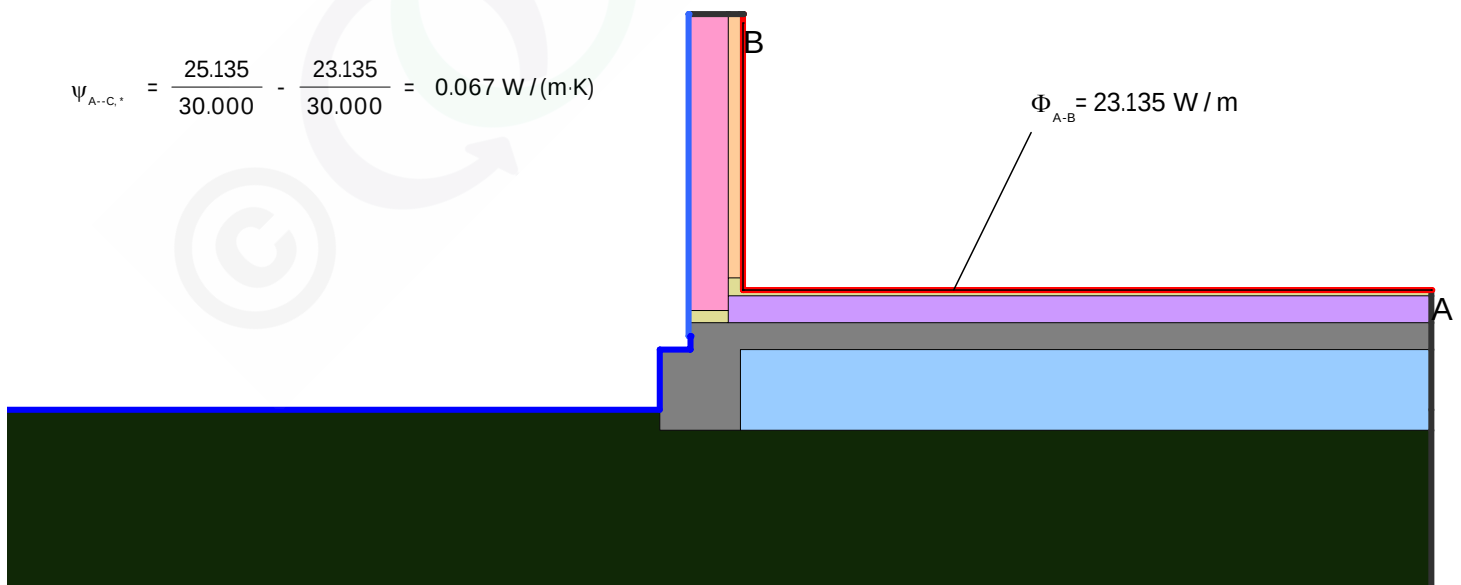
Slab Thickening



Material	λ [W / (m·K)]	ε	δ [mg / (m·h·Pa)]
Concrete, EPS, Airspace	1.127	0.900	
Concrete, reinforced	2.100	0.900	
Plasterboard	0.250	0.900	
Sand and gravel	2.000	0.900	0.013
TerraLana 140mm with 9% timber	0.047	0.900	
TerraLana 45mm with 9% timber	0.046	0.900	
Timber (Softwood)	0.130	0.900	
XPSKnaufClimafoam	0.028	0.900	

Boundary Condition	q [W / m ²]	θ [°C]	R [(m ² ·K) / W]	ε	ϕ [%]
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				

$$\psi_{A-C,*} = \frac{25.135}{30.000} - \frac{23.135}{30.000} = 0.067 \text{ W / (m·K)}$$



Slab Thickening fRsi

