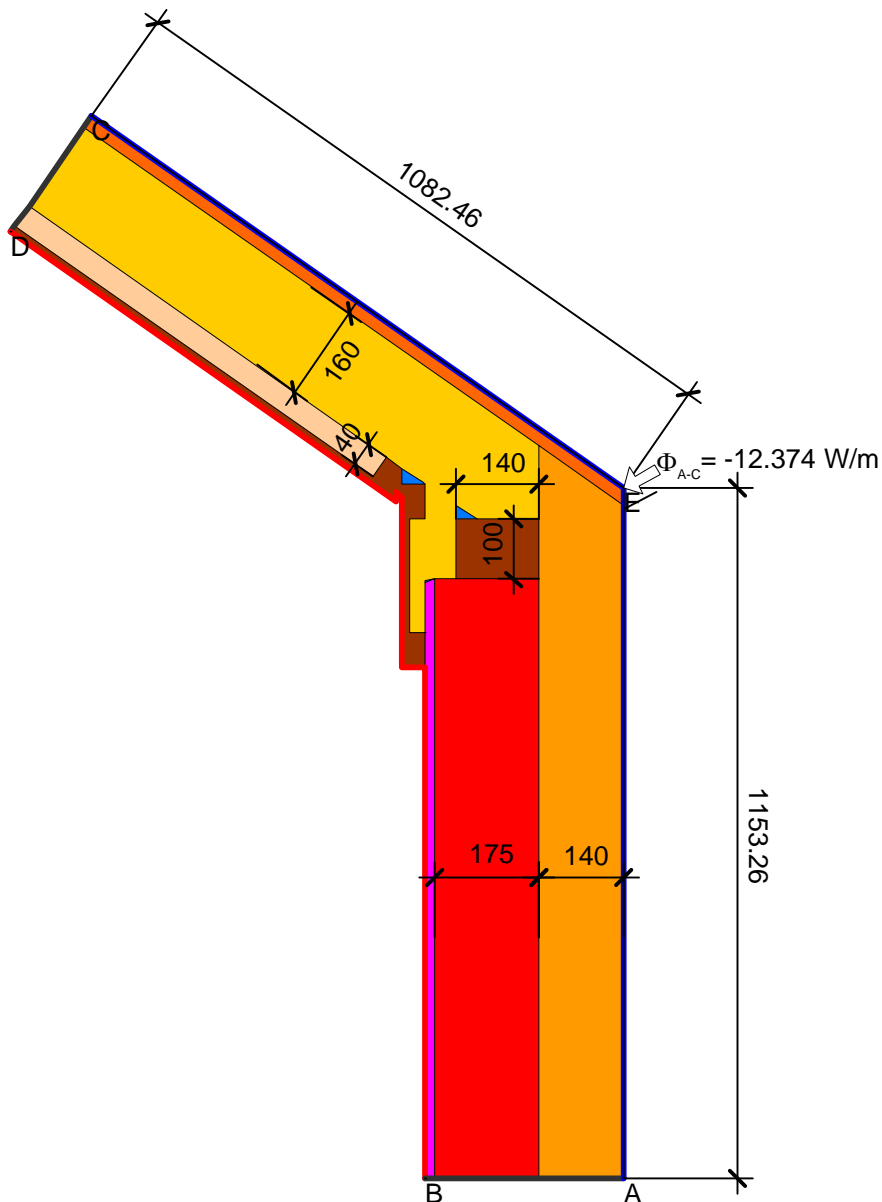


Detailblatt 21-905
 Dämmung Dach 11-220: 160 + 40mm
 Dämmung Wand 21-100: 140mm
 Psi-Wert

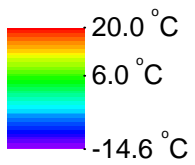
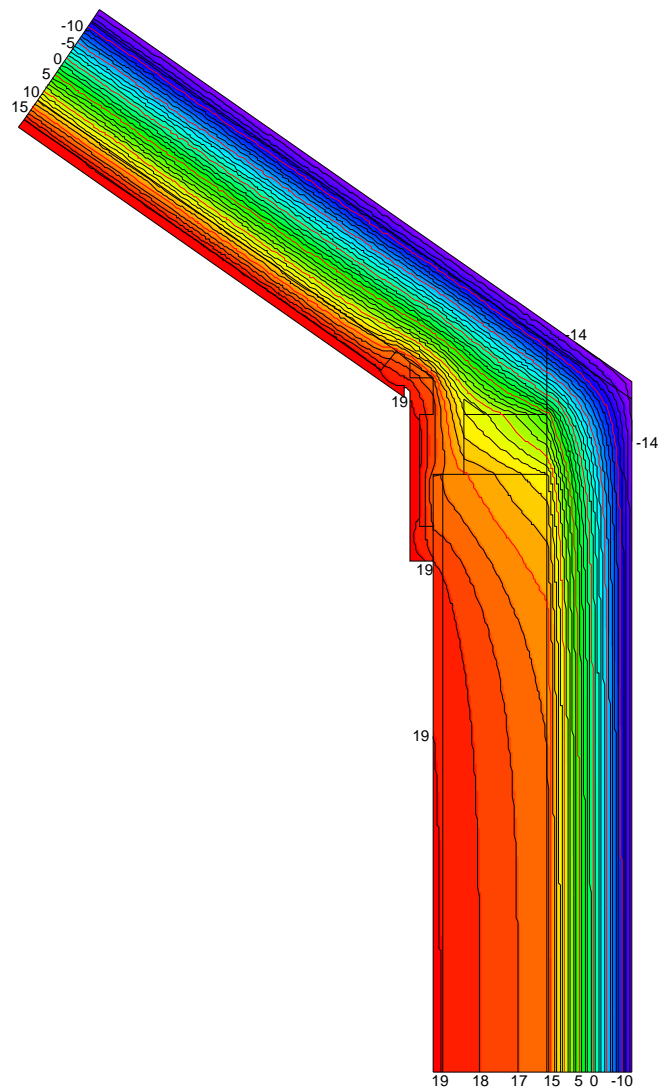


$$\psi_{A-E-C,*} = \frac{\Phi}{\Delta T} - U_1 \cdot b_1 - U_2 \cdot b_2 = \frac{12.374}{34.600} - 0.200 \cdot 1.153 - 0.180 \cdot 1.082 = -0.07 \text{ W/(m}\cdot\text{K)}$$

Material	λ [W/(m·K)]	Randbedingung	q [W/m ²]	θ [°C]	R [(m ² ·K)/W]	ε
Fichte, Tanne	0.140	Aussen stark belüftet		-14.600	0.130	
ISOVER ISOTWIN	0.032	Innen Standard		20.000	0.130	
ISOVER PHONEIX 032	0.032	Innen Wärmestrom aufwärts		20.000	0.100	
ISOVER SPARRENPLATTE 032 PR	0.032	Symmetrie/Bauteilschnitt	0.000			
Innenputz	0.700					
Isorooft Natur	0.047					
Modulbackstein Einstein	0.440					
Unbelüftete Hohlräume	Eps=0.9/0.9					

ISOVER Bautechnik, November 2011

Detailblatt 21-905
Dämmung Dach 11-220: 160 + 40mm
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