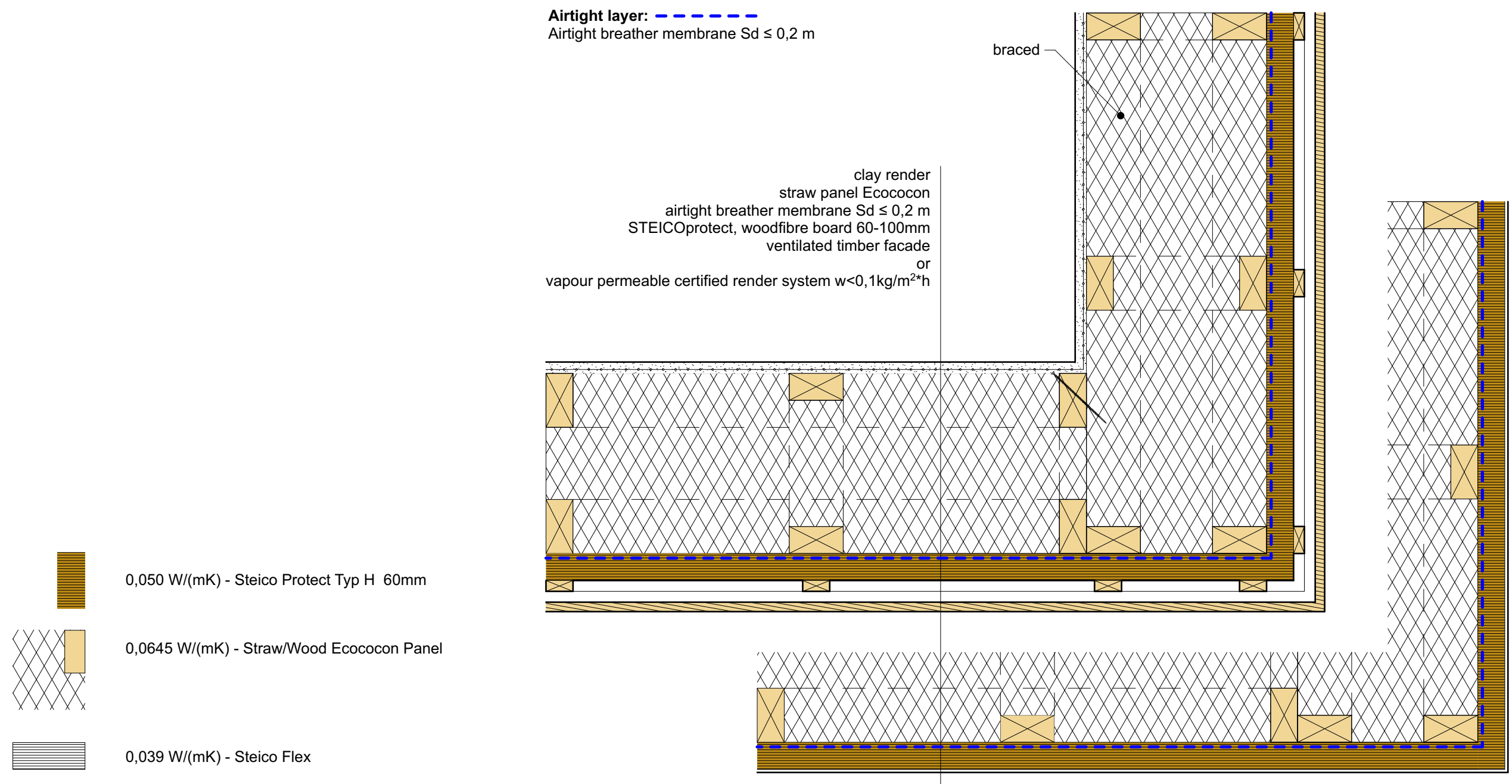


Appendix 3

Certified

Passivhaus DETAILS





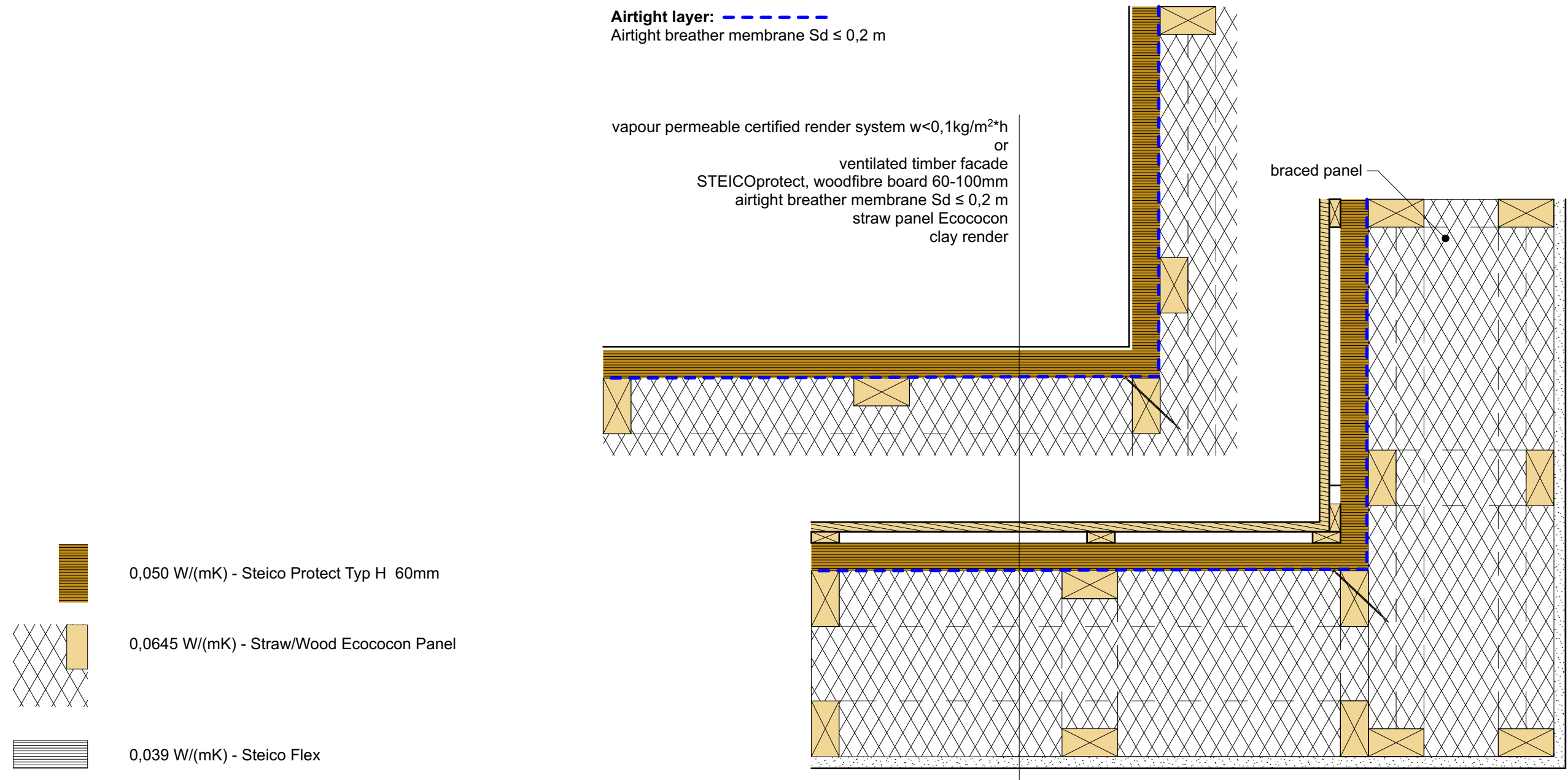
-0,089 W/mK

PH CERTIFICATION

EWEC 01

Wall External Corner, Wand Aussenecke





0,034 W/mK

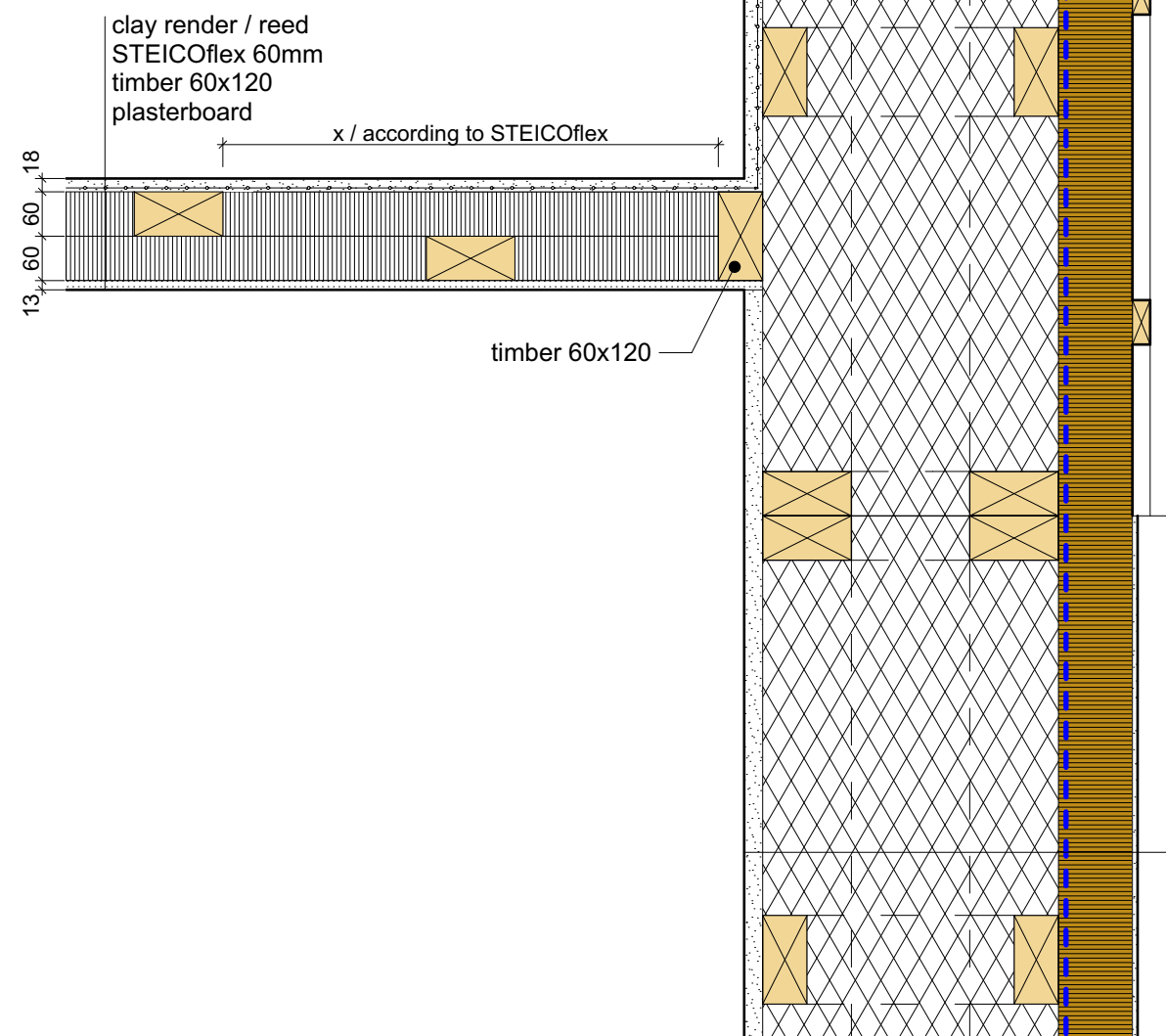
PH CERTIFICATION

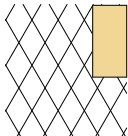
EWIC 01

External Wall Internal Corner, Wand Innenecke



Airtight layer: - - - - -
Airtight breather membrane $S_d \leq 0,2 \text{ m}$



-  0,050 W/(mK) - Steico Protect Typ H 60mm
-  0,0645 W/(mK) - Straw/Wood Ecococon Panel
-  0,039 W/(mK) - Steico Flex

ventilated timber facade / vapour permeable certified
render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
STEICOPROTECT, woodfibre board
airtight breather membrane $S_d \leq 0,2 \text{ m}$
straw panel Ecococon
clay render

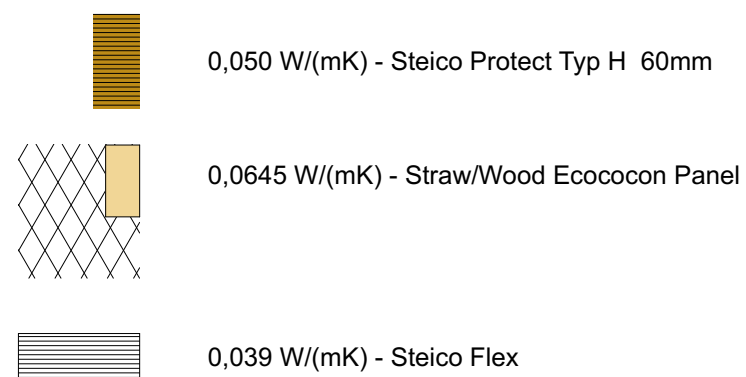
-0,001 W/mK

PH CERTIFICATION

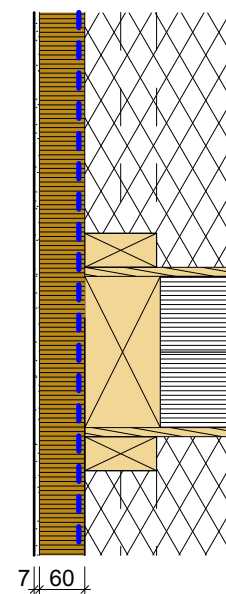
EWIW 01

Junction Internal wall - External wall, Innenwandeinbindung

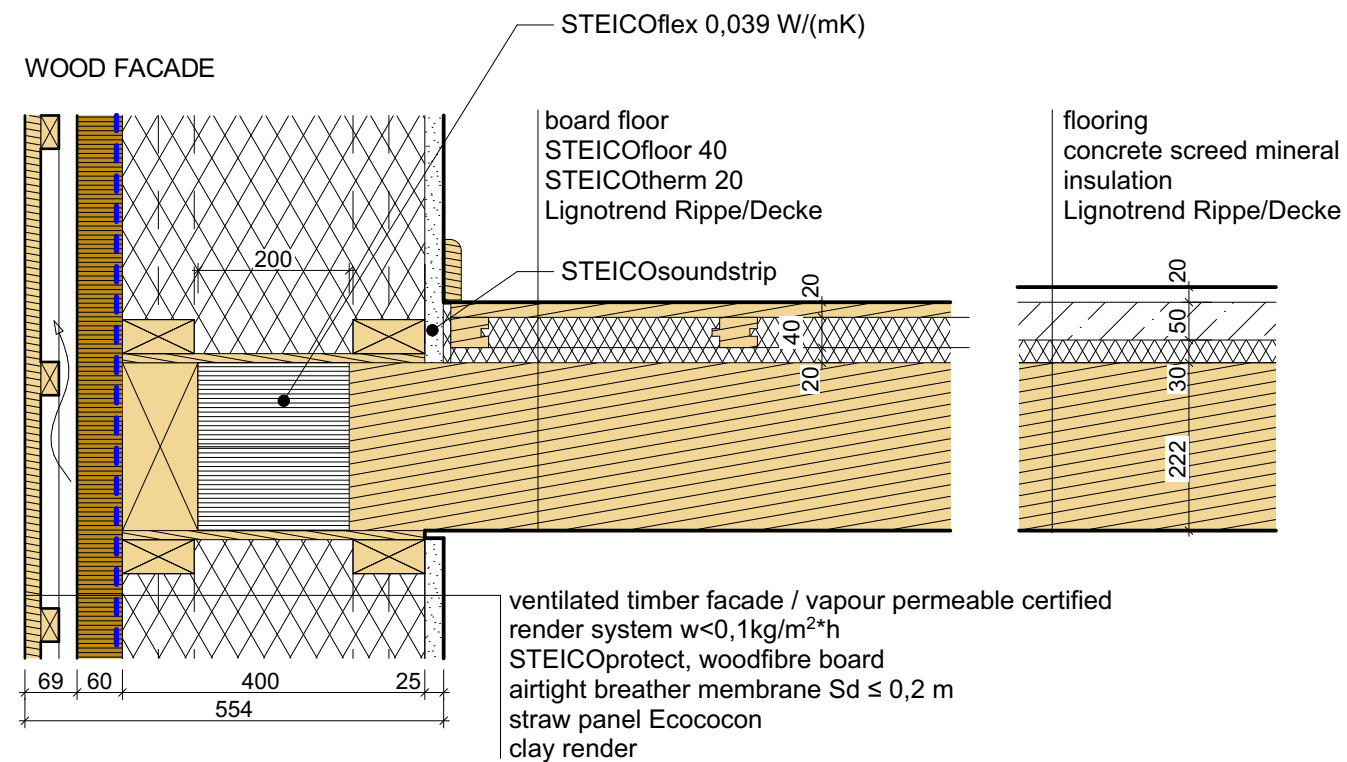




RENDER



WOOD FACADE



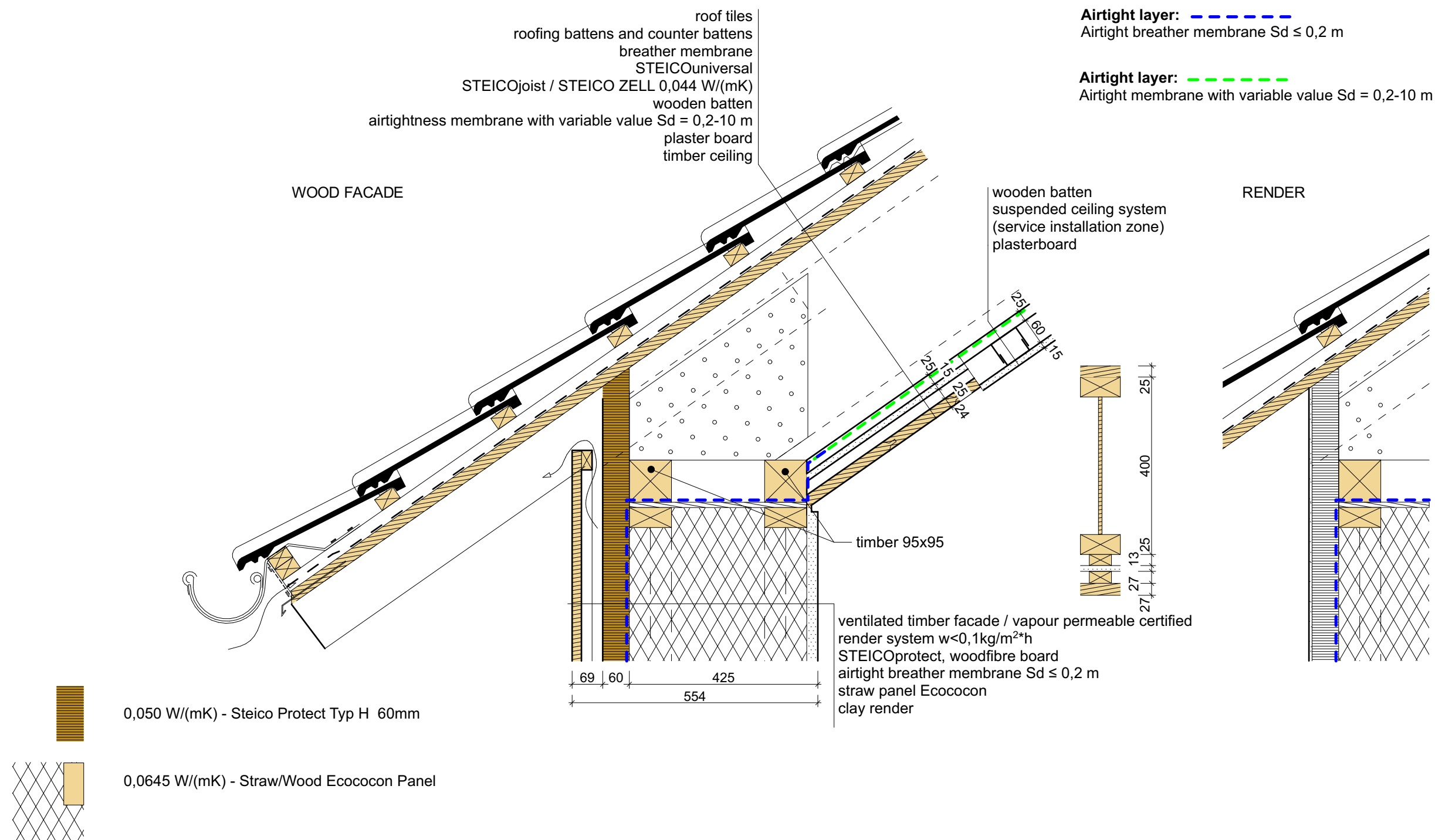
0,007 W/mK

PH CERTIFICATION

EWCE 01

Wall-Ceiling (CLT), Wand Deckeneinbindung (KLH)





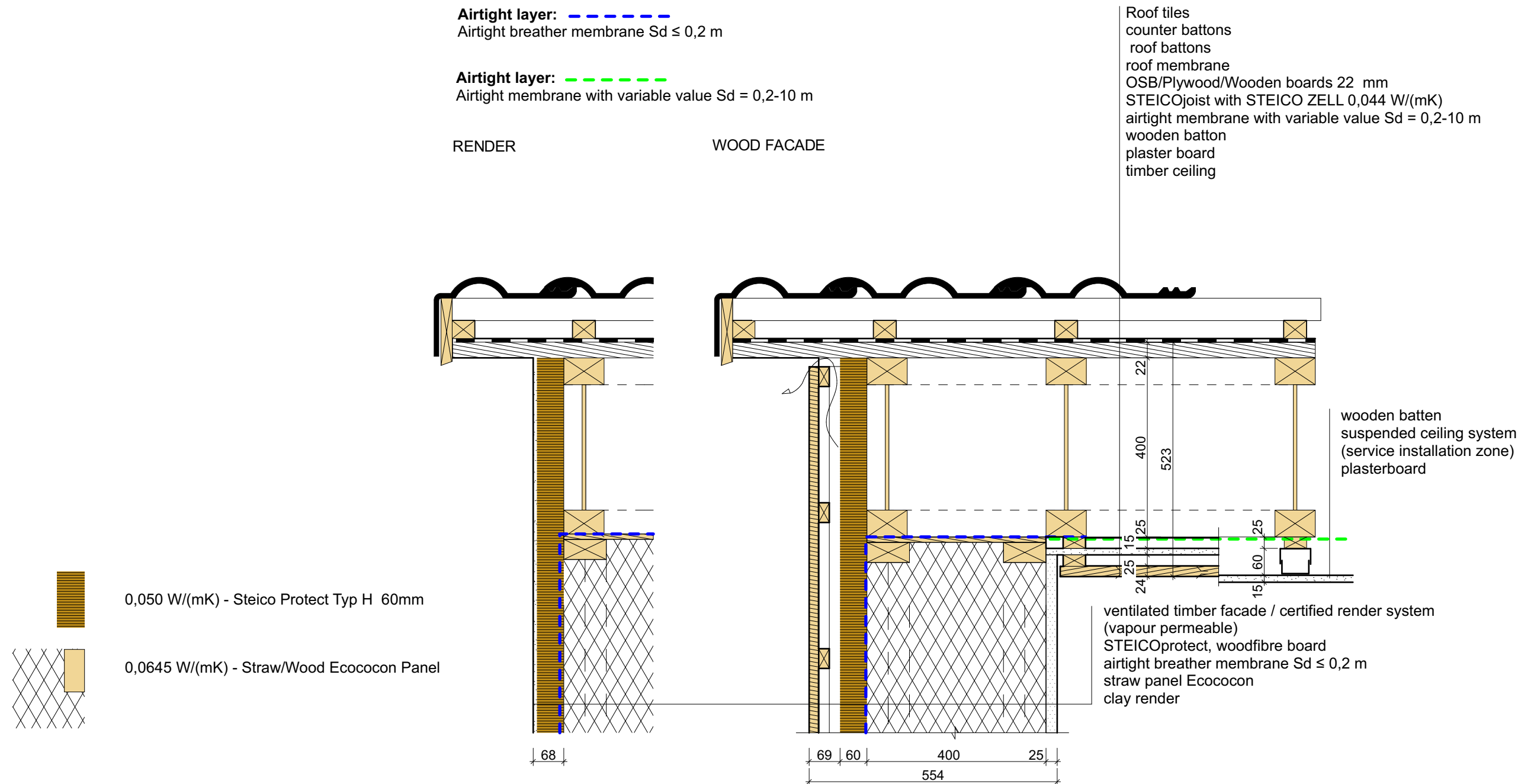
-0,030 W/mK

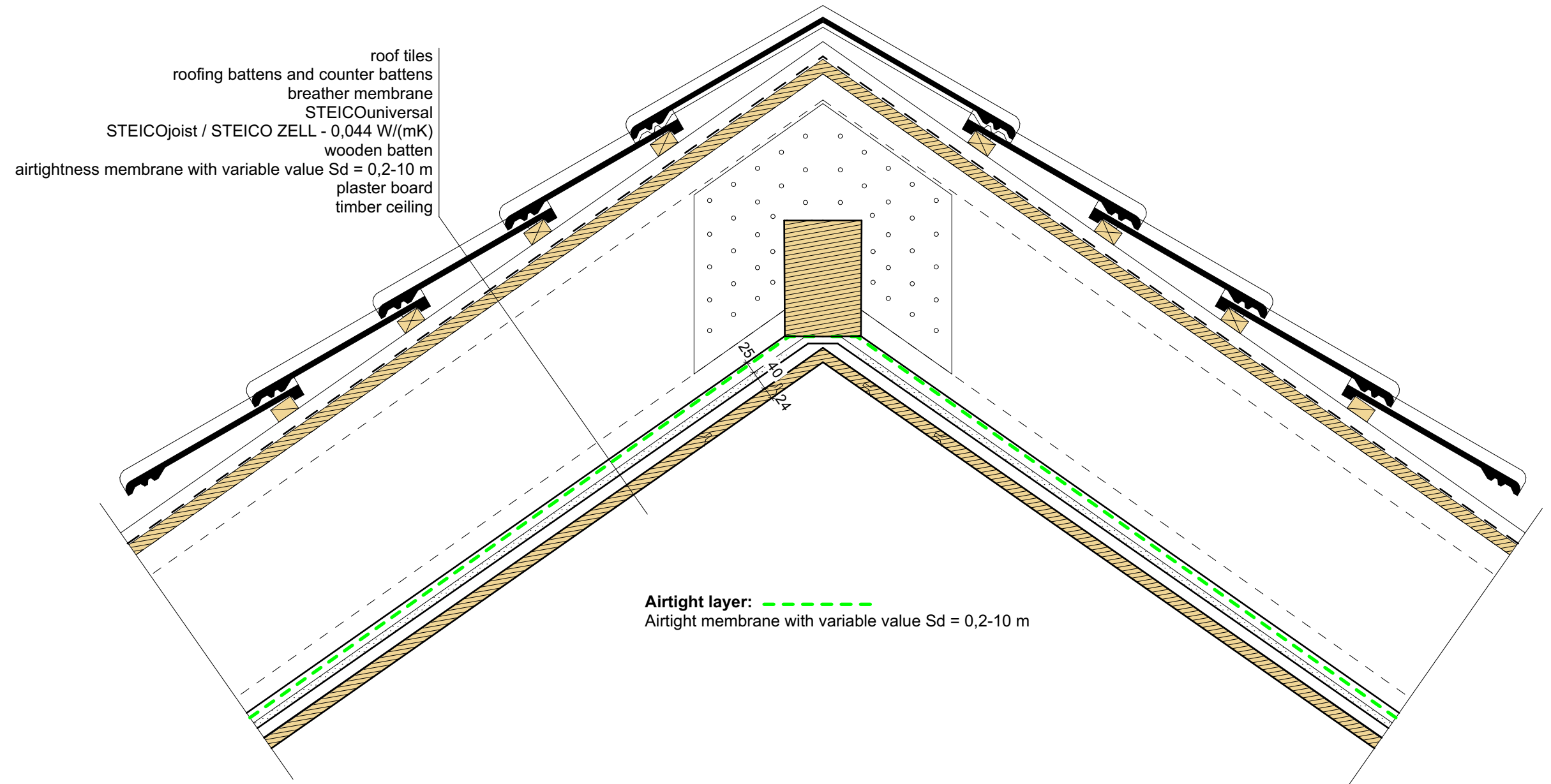
PH CERTIFICATION

ROEA 01

Roof Eaves (I-beam), Dach Traufe (I-Träger)







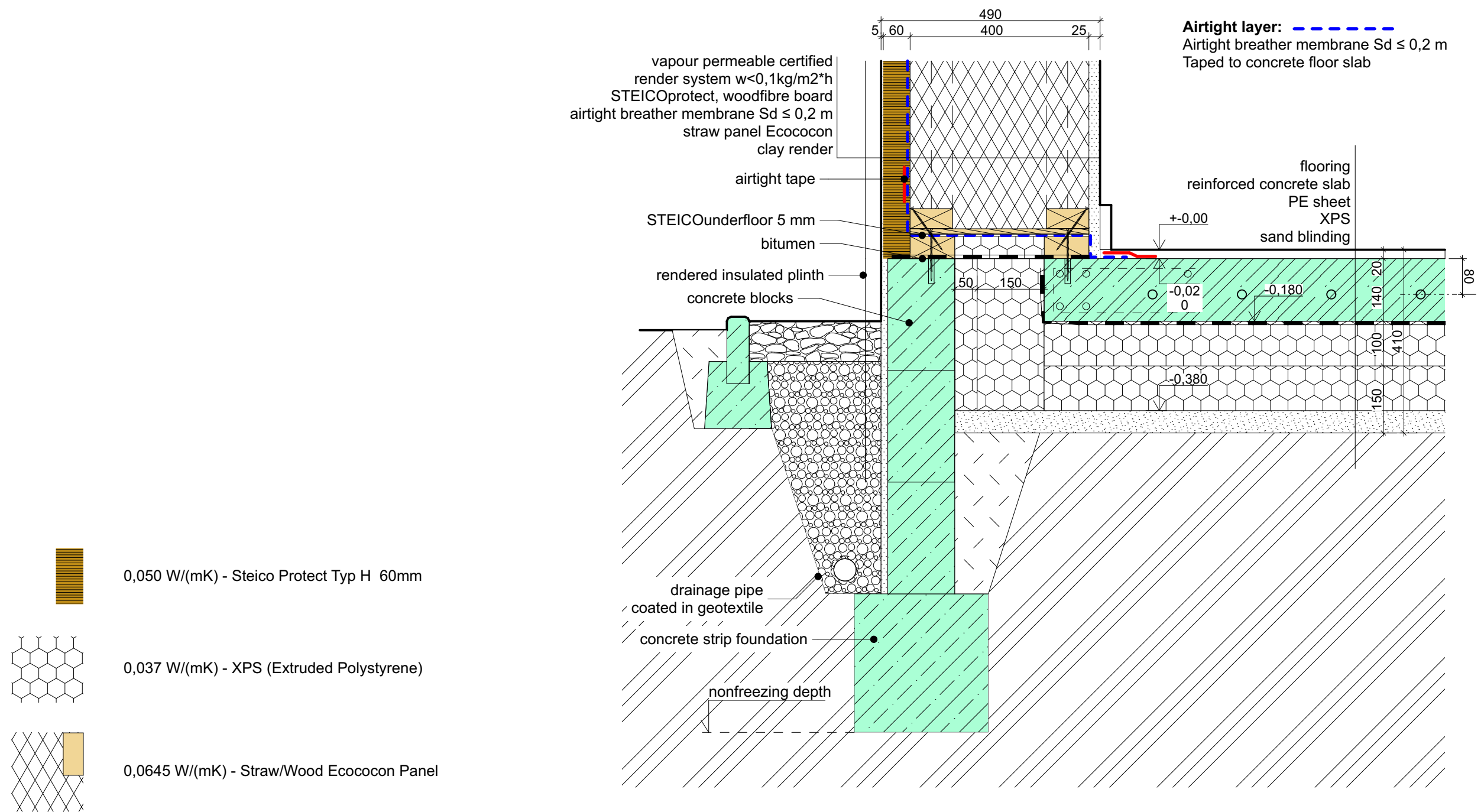
-0,030 W/mK

PH CERTIFICATION

RORI 01

Roof Ridge (I-beams), Dach First (I-Träger)





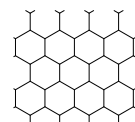
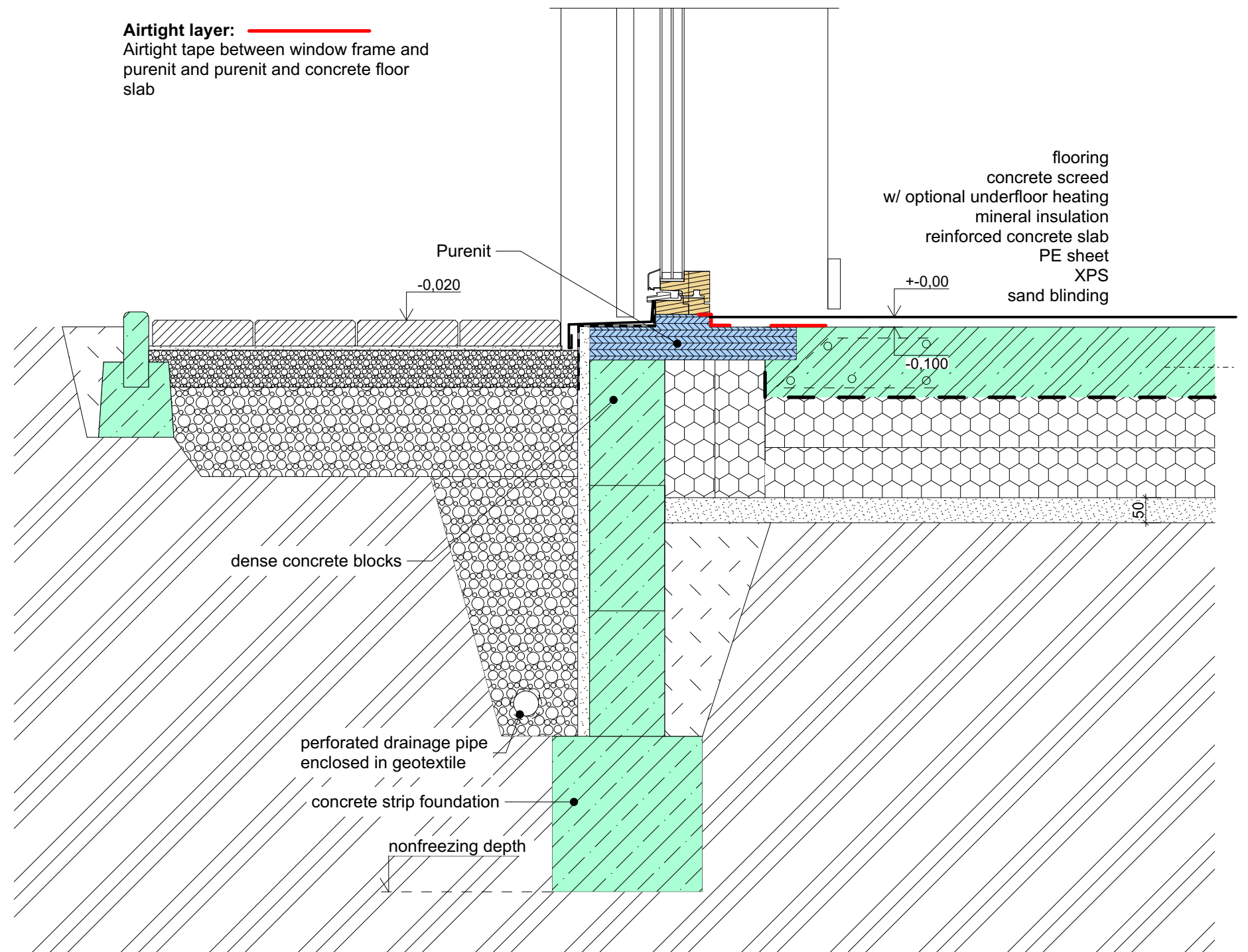
-0,059 W/mK

PH CERTIFICATION

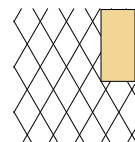
FSEW 01

Floorslab-Wall, Bodenplatte-Wand





0,037 W/(mK) - XPS (Extruded Polystyrene)



0,0645 W/(mK) - Straw/Wood Ecococon Panel



0,086 W/(mK) - Purenit 500 M

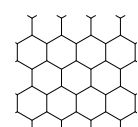
0,020 W/mK

PH CERTIFICATION

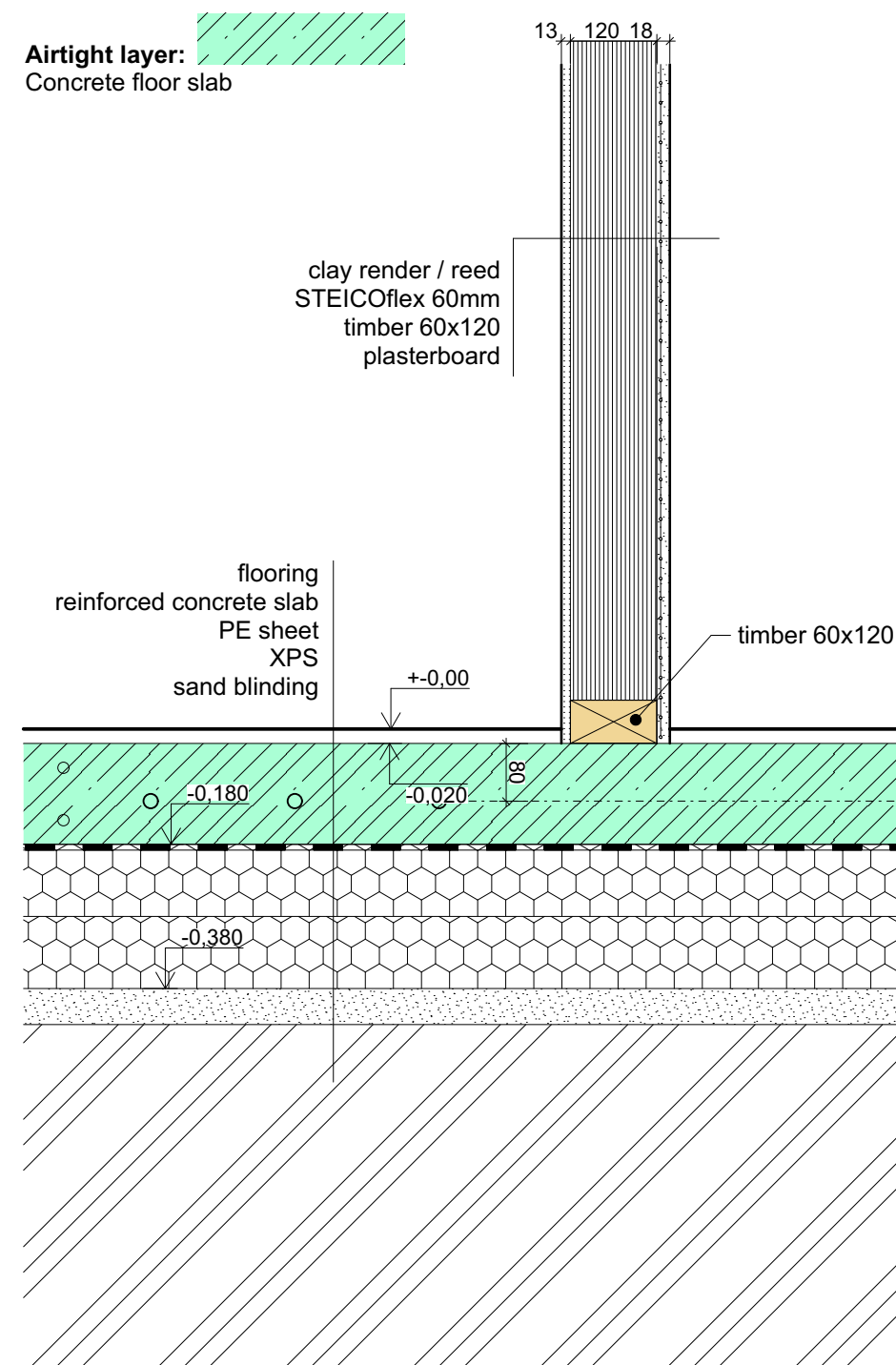
WITH 01

Threshold, Schwelle





0,037 W/(mK) - XPS (Extruded Polystyrene)



-0,004 W/mK

PH CERTIFICATION

FSIW 01

Floor slab - Interior Wall, Bodenplatte - Innenwand

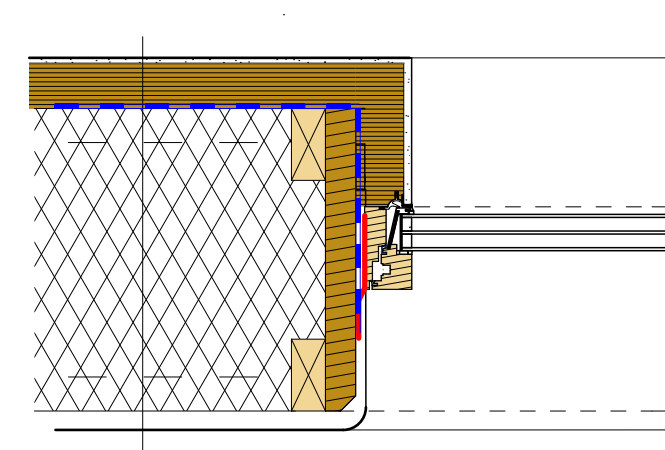
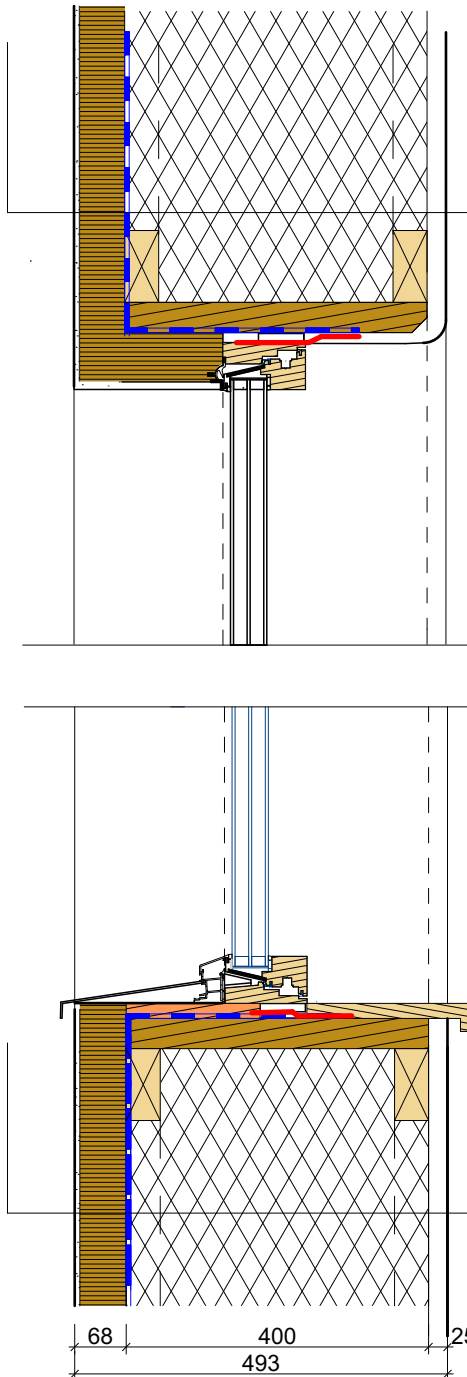


vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render

Airtight layer: - - - - -
 Airtight breather membrane $S_d \leq 0,2 \text{ m}$

Airtight layer: —————
 Airtight tape beteen frame and membrane

vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



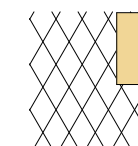
vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



0,055 W/(mK) - Agepan THD Static 40mm



0,050 W/(mK) - Steico Protect Typ H 60mm



0,0645 W/(mK) - Straw/Wood Ecococon Panel

0,026 W/mK / 0,009 W/mK

PH CERTIFICATION

WIBO 01, WITO 01, WISI 01

Smartwin Solar - Wall connection 01

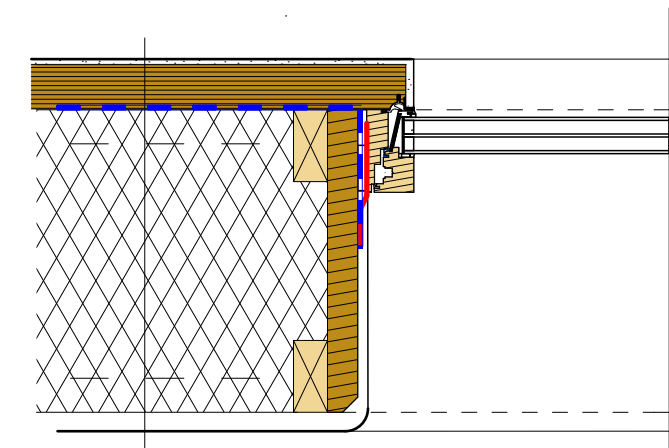
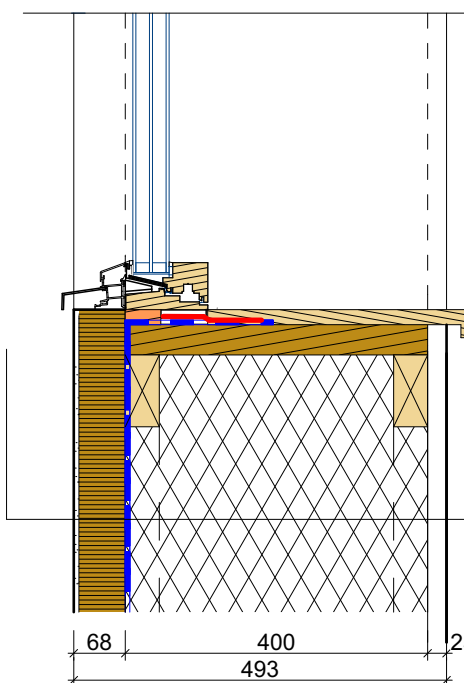
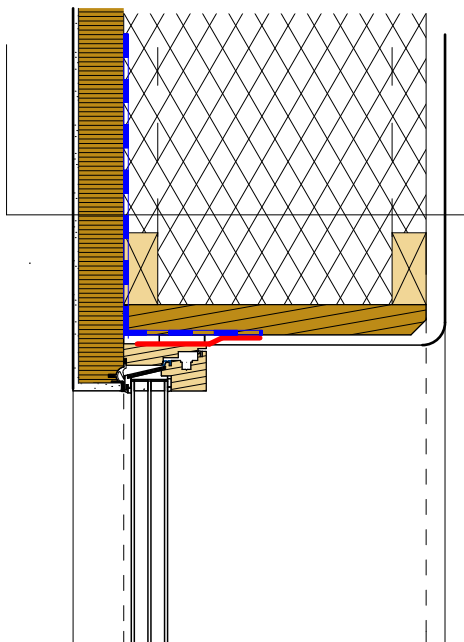


vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render

Airtight layer: - - - - -
 Airtight breather membrane $S_d \leq 0,2 \text{ m}$

Airtight layer: —————
 Airtight tape beteen frame and membrane

vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



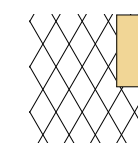
vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOprotect, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



0,055 W/(mK) - Agepan THD Static 40mm



0,050 W/(mK) - Steico Protect Typ H 60mm



0,0645 W/(mK) - Straw/Wood Ecococon Panel

0,034 W/mK / 0,025 W/mK

PH CERTIFICATION

WIBO 02, WITO 02, WISI 02

Smartwin Solar - Wall connection 02

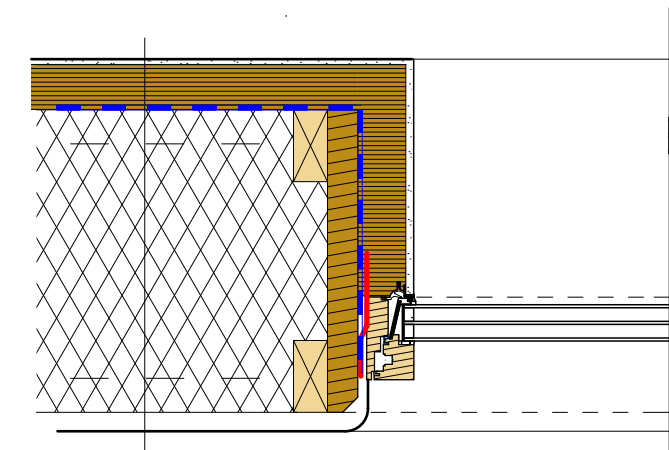
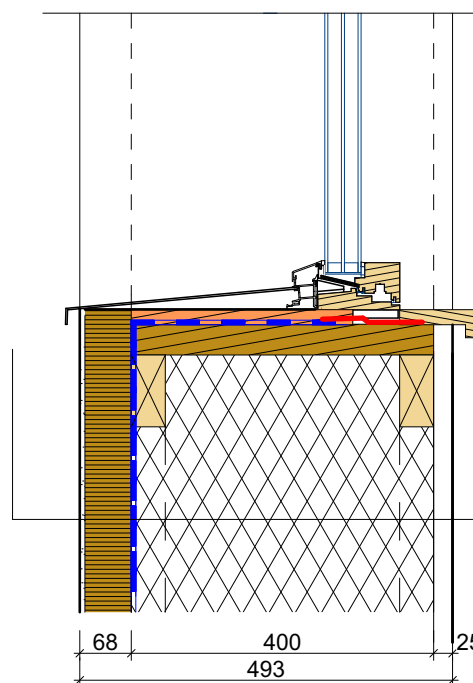
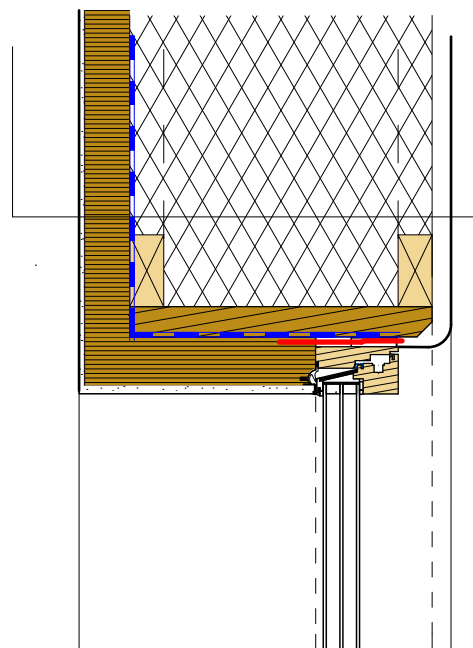


vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOPROTECT, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render

Airtight layer: - - - - -
 Airtight breather membrane $S_d \leq 0,2 \text{ m}$

Airtight layer: —————
 Airtight tape between frame and membrane

vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOPROTECT, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



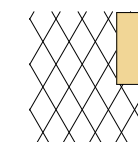
vapour permeable certified render system $w < 0,1 \text{ kg/m}^2 \cdot \text{h}$
 STEICOPROTECT, woodfibre board
 airtight breather membrane $S_d \leq 0,2 \text{ m}$
 straw panel Ecococon
 clay render



0,055 W/(mK) - Agepan THD Static 40mm



0,050 W/(mK) - Steico Protect Typ H 60mm



0,0645 W/(mK) - Straw/Wood Ecococon Panel

0,034 W/mK / 0,011 W/mK

PH CERTIFICATION

WIBO 03, WITO 03, WISI 03

Smartwin Solar - Wall connection 03

