

EuroPHit_OP21_MosArt_Family Home_Ireland

Scale 1:10 @ A4
 Author Mariana Moreira
 Date 16.03.2016

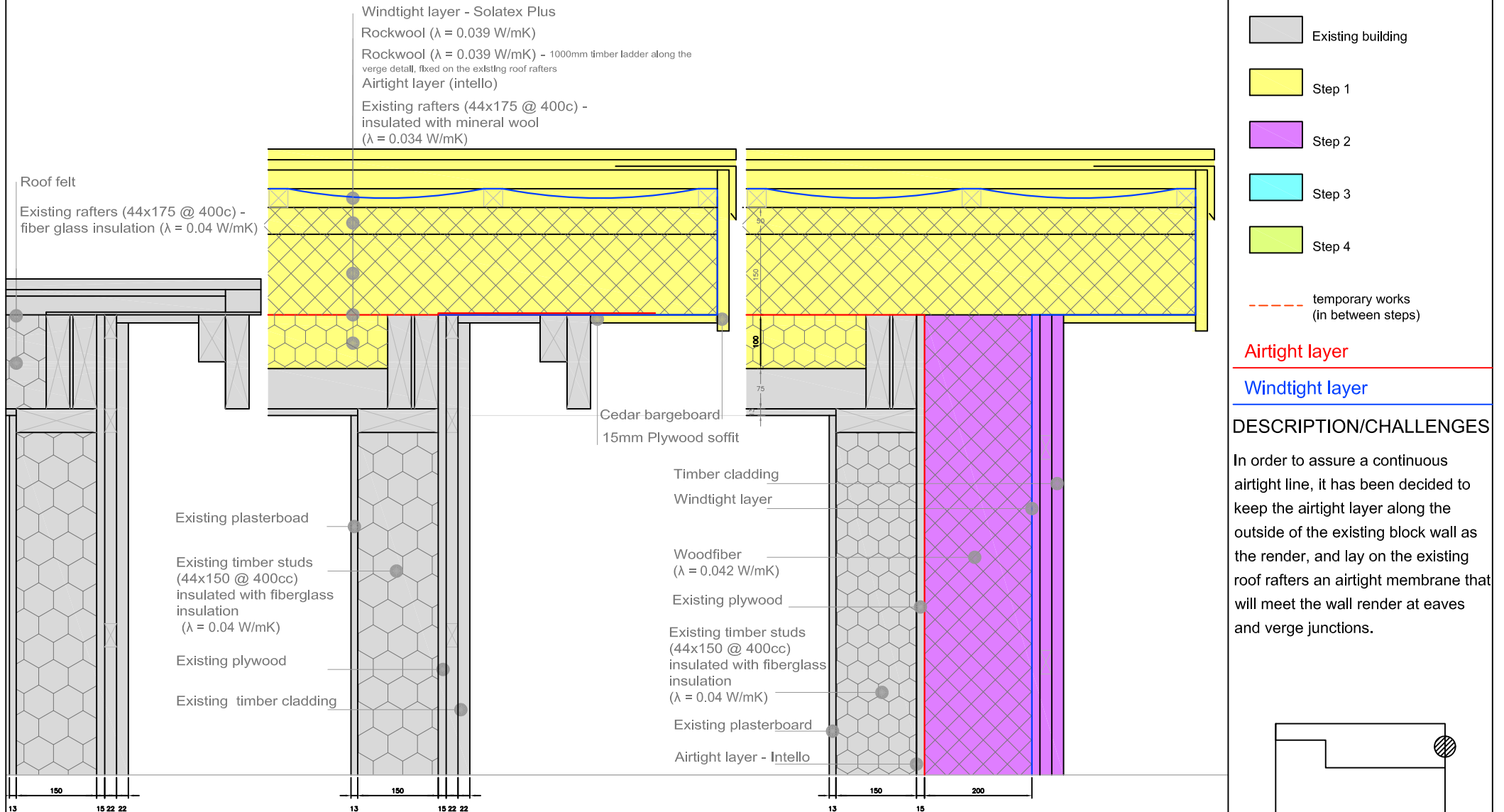


ROVE01 | Verges detail for timber frame with timber cladding

EXISTING

1 STEP

2 STEP



COLOR CODE

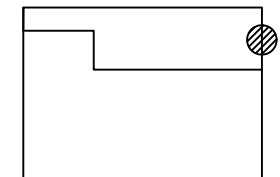
- Existing building
- Step 1
- Step 2
- Step 3
- Step 4
- temporary works (in between steps)

Airtight layer

Windtight layer

DESCRIPTION/CHALLENGES

In order to assure a continuous airtight line, it has been decided to keep the airtight layer along the outside of the existing block wall as the render, and lay on the existing roof rafters an airtight membrane that will meet the wall render at eaves and verge junctions.



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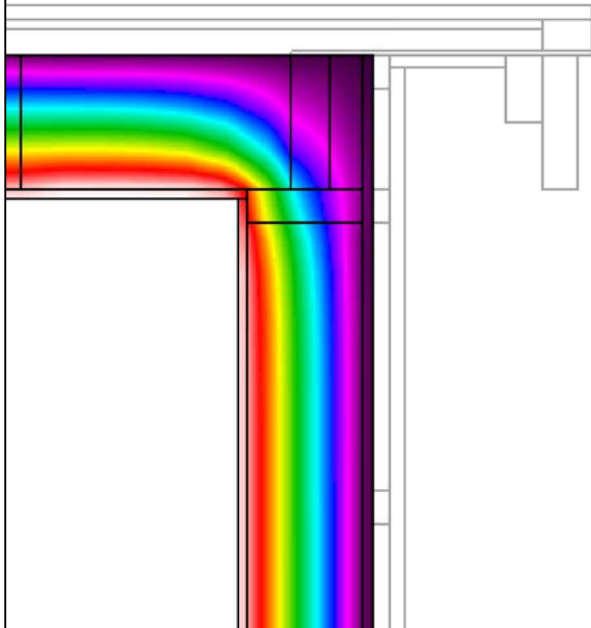
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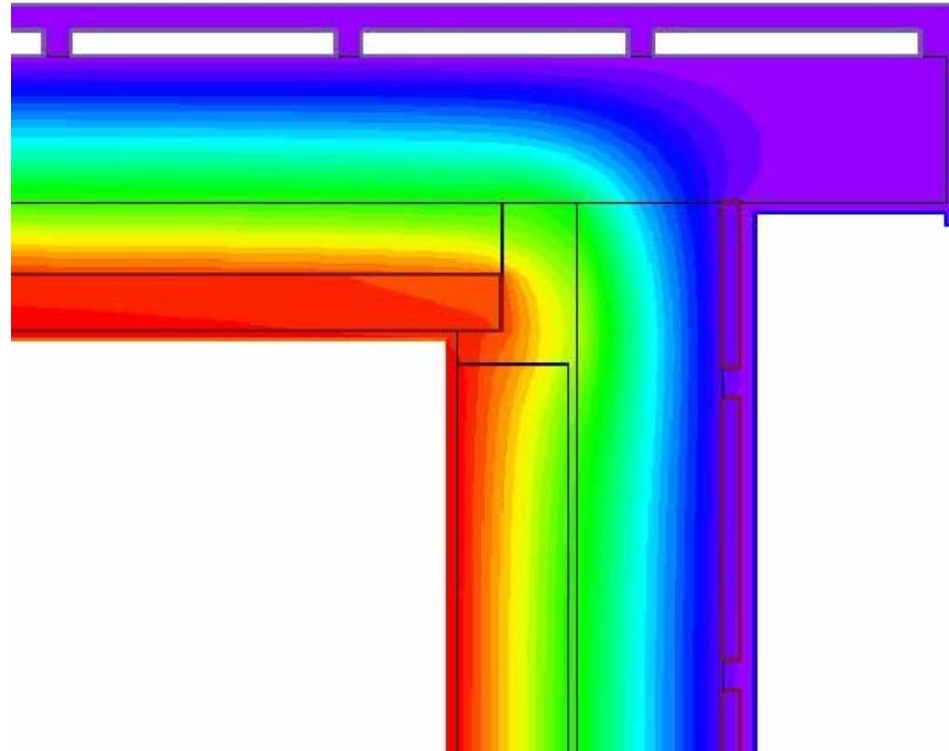
ROVE01 | Verge detail for timber frame with timber cladding - THERM

EXISTING



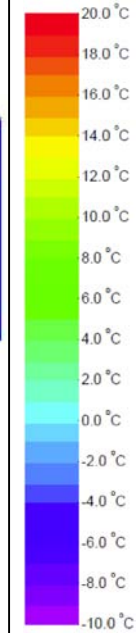
Ψ - value [W/mK] = - 0.054

FINAL STEP



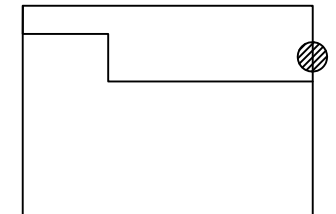
Ψ - value [W/mK] = - 0.041

COLOR CODE



DESCRIPTION/CHALLENGES

In order to assure a continuous airtight line, it has been decided to keep the airtight layer along the outside of the existing block wall as the render, and lay on the existing roof rafters an airtight membrane that will meet the wall render at eaves and verge junctions.



Co-funded by the Intelligent Energy Europe Programme of the European Union

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EuroPHit

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Scale	-
Author	Mariana Moreira
Date	16.03.2016



ROVE01 | Verges detail for timber frame with timber cladding - Site Photo

BEFORE

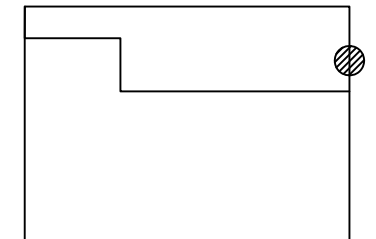


AFTER (STEP 1)



DESCRIPTION/CHALLENGES

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