

EuroPHit_OP21_MosArt_Family Home_Ireland

Scale 1:10 @ A4
 Author Mariana Moreira
 Date 16.03.2016



ROVE03 Verge detail for masonry wall

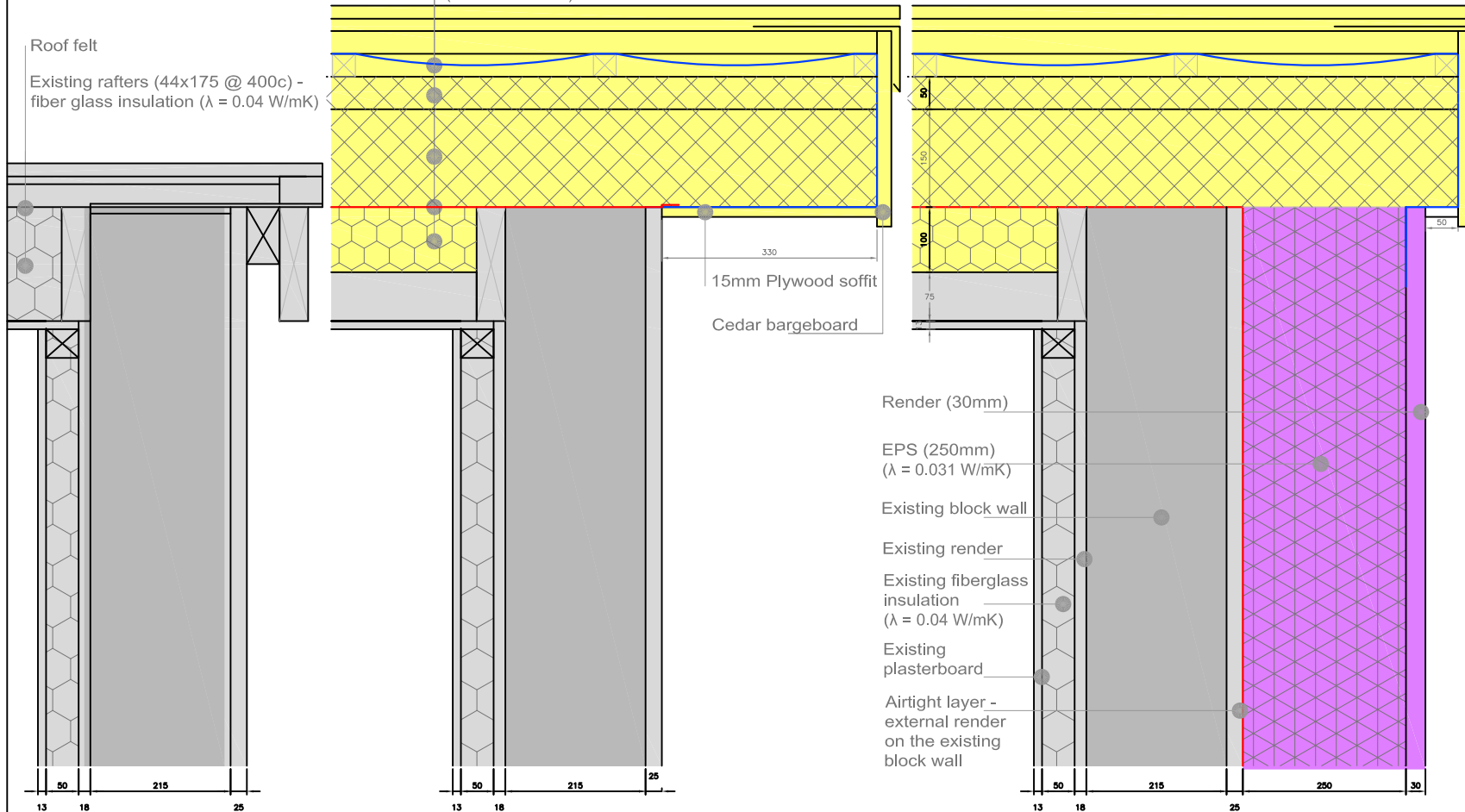
EXISTING

1 STEP

2 STEP

Windtight layer - Solatex Plus
 Rockwool ($\lambda = 0.039 \text{ W/mK}$)
 Rockwool ($\lambda = 0.039 \text{ W/mK}$) - 1000mm timber ladder along the verge detail, fixed on the existing roof rafters
 Airtight layer (intello)
 Existing rafters (44x175 @ 400c) - insulated with mineral wool ($\lambda = 0.034 \text{ W/mK}$)

Roof felt
 Existing rafters (44x175 @ 400c) - fiber glass insulation ($\lambda = 0.04 \text{ W/mK}$)



COLOR CODE

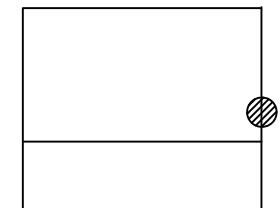
- Existing building
- Step 1
- Step 2
- Step 3
- Step 4
- temporary works (in between steps)

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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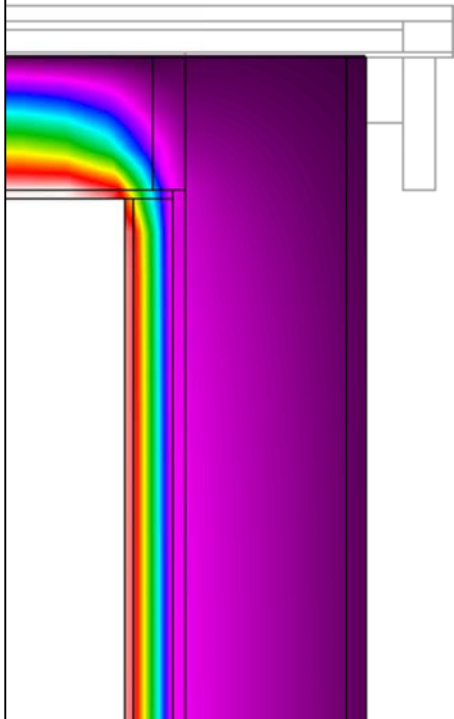
Date 16.03.2016



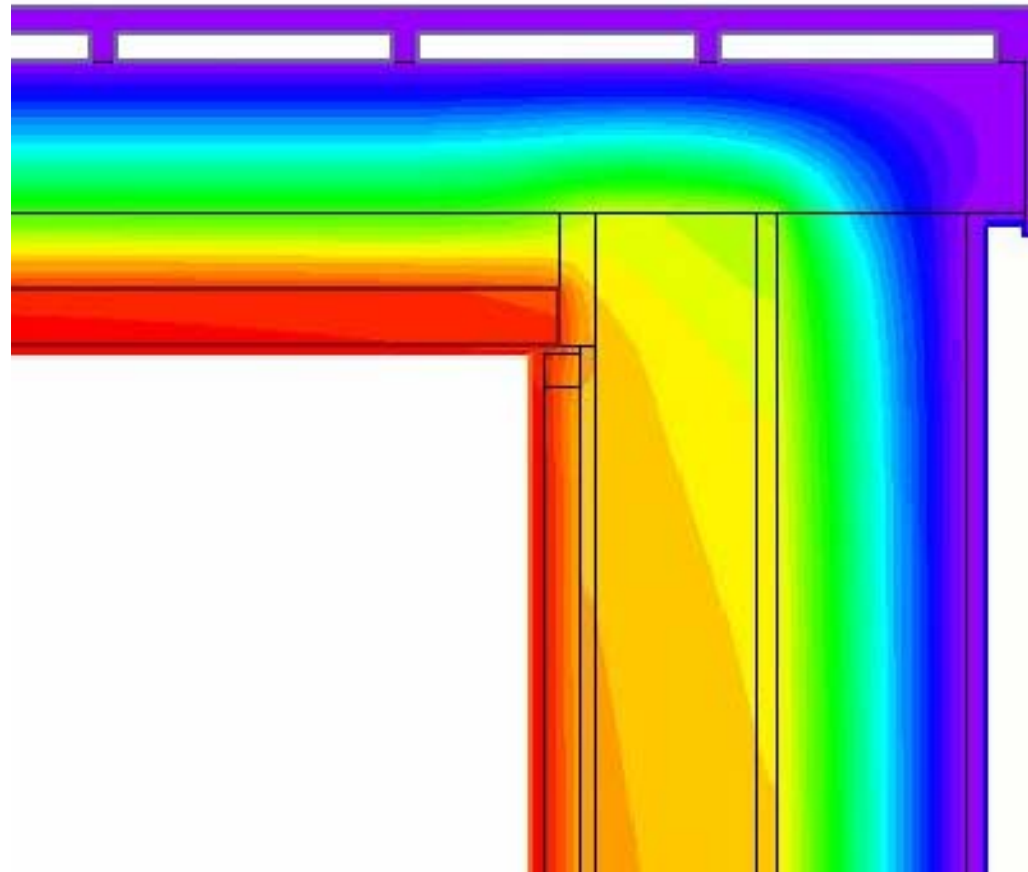
ROVE03 Verge detail for masonry wall - THERM

EXISTING

FINAL STEP

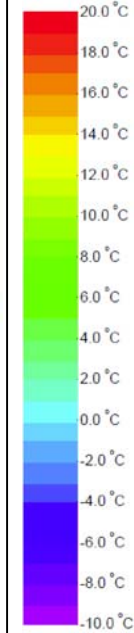


Ψ - value [W/mK] = - 0.103



Ψ - value [W/mK] = - 0.037

COLOR CODE



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EuroPHit

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ROVE03 | Verge detail for masonry wall - Site Photo

BEFORE



AFTER (STEP 1)



DESCRIPTION/CHALLENGES

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