1:10 @ A4 Scale EuroPHit_OP21_MosArt_Family Home_Ireland Mariana Moreira Author Window head and jamb detail for masonry wall Date 16.03.2016 **EXISTING** 1 STEP **COLOR CODE** Existing building Step 1 Step 2 Airtight layer - external Step 3 render on the existing block wall Step 4 FPS Existing plasterboard $(\lambda = 0.031 \text{ W/mK})$ Render Existing fiberglass insulation temporary works $(\lambda = 0.04 \text{ W/mK})$ (in between steps) Existing plasterboard Existing render Existing fiberglass Existing block wall insulation ($\lambda = 0.04 \text{ W/mK}$) Airtight layer Existing render External render on the existing block wall DESCRIPTION/CHALLENGES Existing block wall In order to assure a continuous Airtight Tape airtight line, it has been decided to Bead to Water proof keep the airtight layer along the windows & door outside of the existing block wall as heads and jamb. the render. The render is connected Timber frame double with the window frame with an glazed window airtight tape. The sole responsibility for the content of this publication lies with the authors. It does not necessarily Co-funded by the Intelligent Energy Europe reflect the opinion of the European Union. Neither the EACI nor the European Commission are Programme of the European Union responsible for any use that may be made of the information contained therein.

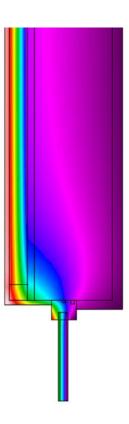
EuroPHit_OP21_MosArt_Family Home_Ireland

Window head and jamb detail for masonry wall - THERM

Scale	1:10 @ A4
Author	Mariana Moreira
Date	16 03 2016

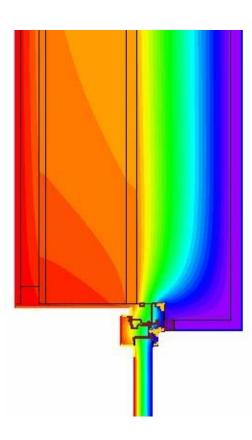


EXISTING



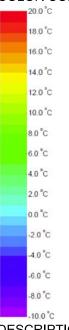
 Ψ - value [W/mK] = 0.252

FINAL STEP



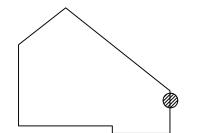
 Ψ - value [W/mK] = 0.025

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. The render is connected with the window frame with an airtight tape.





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EuroPHit_OP21_MosArt_Family Home_Ireland

WITO01 Window head and jamb detail for masonry wall - Site Photo

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DESCRIPTION/CHALLENGES

16.03.2016

Mariana Moreira

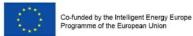
Scale

Author

Date

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. The render is connected with the window frame with an airtight tape.

The external insulation overlaps the frame by 44mm reducing the heat loss through the frame at jamb and head.



BEFORE

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