

**PROBLEM**  
How to put plaster to the beam?  
(Except for changing surface material of the beam)  
Current solution is to use an L-shaped beam of plaster  
but it's too much work

**SIMILAR PROBLEMS**  
When using room maker function:  
Profile around room  
Tiles



**If we model everything one-by-one we can get a correct result but it's too much trouble. Doing that in every room is time consuming**

Wall with Insulation (plaster and insulation)  
Reinforced Concrete Columns (not treated in the wall)  
Wall with 12 layers (plaster - brick - insulation - brick - plaster) in order to respect the fire resistance  
Wall with one layer (plaster)

Insulation of the concrete, Modelled as a beam (inserted in the wall to avoid collision)  
Reinforced Concrete beam (inserted in the wall to avoid collision)

Wall with 8 layers (brick - insulation - brick - plaster) - Same height as the other one  
Wall with 8 layers (brick - insulation - brick - plaster) - Same height as the other one  
Wall with 8 layers (brick - insulation - brick - plaster) - Same height as the other one

**If we use Room Book border surfaces (which is quicker) with the beam inserted to the wall, the plaster doesn't recognise that wall and there are a few wrong details at the column**

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**If we use Room Book border surfaces (which is quicker) with the beam inserted to the wall, the plaster doesn't recognise the beam and there are a few wrong details at the column**

Insulation of the concrete, Modelled as a beam (NOT treated in the wall)  
Reinforced Concrete beam (NOT treated in the wall)

Wall with Insulation (plaster and insulation)  
Reinforced Concrete Columns (not treated in the wall)

Wall with 8 layers (brick - insulation - brick - plaster) - Same height as the other one  
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Living-room  
GA: 8,73 m<sup>2</sup>

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