skeleton structure system Basement: -1pp, -2pp

Material solution:

Vertical structure:
- Monolithic RC Walls t=400mm, C30/35
- RC Monolithic Columns 400mm, C30/35
- RC beam h=500mm

Horizontal Structure:
- One way monolithic RC slab, C30/35

Envelope composition:
- internal Plaster t=10mm (λ=0.80 W/mK)
- Porotherm 40 P+D (R=3.23)
- expanded polystyrene (λ=0.038)

U=I/R+R+Re = 1/0.13+3.7+0.04=0.26 W/m²K