



- LEGEND OF MATERIALS:**
- REINFORCED CONCRETE C30/37 XC1-C0.2-Dmax22-S3
 - CERAMIC BLOCKS POROTHERM P15, MORTAR M10
 - CERAMIC BLOCKS POROTHERM 25 AKU SYM P20, MORTAR M10
 - CERAMIC BLOCKS 11.5 P10, MORTAR M10
 - CERAMIC BLOCKS B P10
 - GREEN BOARD DRYWALL PLASTERBOARD 2x12,5mm
 - THERMAL INSULATION EPS 140mm
 - SUBSOIL
 - BACKFILL
 - GRAVEL
 - GLASS RAILING
 - STAINLESS STEEL HANDRAILS
 - ROLLER GARAGE DOOR HORNMANN

- F01** UNDERGROUND FLOOR
EPOXY FLOORING 1,5mm
BASE COAT EPOXY PRIMER
REINFORCED CONCRETE 250mm (power trowel machine smoothing)
HYDRO INSULATION BITUMINOUS MEMBRANE 4mm
PLAIN CONCRETE 100mm
- F02** 1st FLOOR (bedroom, living room, room)
LAMINATE FLOORING 8mm
BASIC UNDERLAY 2mm
ANHYDRITE SCREED 50mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 280mm
ROCKWOOL FASTROCK THERMAL INSULATION 50mm (with decor plaster) $\lambda=0,045W/mK$
- F03** TYPICAL FLOOR (bedroom, living room, room)
LAMINATE FLOORING 8mm
BASIC UNDERLAY 2mm
ANHYDRITE SCREED 50mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm
- F04** 1st FLOOR (common areas: corridor)
CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 280mm
ROCKWOOL THERMAL INSULATION 50mm (with decor plaster) $\lambda=0,045W/mK$
- F05** TYPICAL FLOOR (common areas: corridor)
CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm

- F06** 1st FLOOR (apartment entrance, kitchen)
CERAMIC TILES 10mm
CEMENT ADHESIVE + PENETRATION 5mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 280mm
ROCKWOOL THERMAL INSULATION 50mm (with decor plaster) $\lambda=0,045W/mK$
- F07** TYPICAL FLOOR (apartment entrance, kitchen)
CERAMIC TILES 10mm
CEMENT ADHESIVE + PENETRATION 5mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 280mm
PLASTER 10mm
- F08** 1st FLOOR (bathroom, WC)
CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
LIQUID FOIL WATERPROOF TANKING MEMBRANE 1mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 280mm
ROCKWOOL THERMAL INSULATION 50mm (with decor plaster) $\lambda=0,045W/mK$
- F09** TYPICAL FLOOR (bathroom, WC)
CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
LIQUID FOIL WATERPROOF TANKING MEMBRANE 1mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
EPS RigiFloor 4000 ACOUSTIC INSULATION 40mm $\lambda=0,044W/mK$
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm
- F10** FLAT ROOF
PVC-P FOIL mechanically fixed 1,5mm
GEOTEXTILE LAYER 4mm
SLOPED INSULATION ISOVER EPS Grey 100 with 2,0% slope 20-180mm
THERMAL INSULATION ISOVER EPS Grey 100 mechanically fixed 180mm
VAPOR BARRIER BITUMINOUS MEMBRANE WITH AL FOIL 4mm
PRIME COAT
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm

- F11** TERRACE
ANTI-SLIP FROST-RESISTANT CONCRETE TILES 400x400mm 40mm
ADJUSTABLE PEDESTAL SYSTEM
HYDRO INSULATION FOIL PVC-P 1,5mm
SLOPED INSULATION ISOVER EPS Grey 100 with 2,0% slope min. 20mm
THERMAL INSULATION ISOVER EPS Grey 100 mechanically fixed 160mm
VAPOR BARRIER BITUMINOUS MEMBRANE WITH AL FOIL 4mm
PRIME COAT
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm
- F12** BALCONY
CERAMIC TILES 10mm
FLEXIBLE FROST-RESISTANT TILE ADHESIVE 5mm
PE FOIL SCHLUTER DITRA DRAWN 4 4mm
FROST RESISTANT ADHESIVE 3mm
POLYMER CEMENT WATERPROOFING 4mm
CONCRETE SCREED WITH 2% slope + MESH REINFORCEMENT
REINFORCED CONCRETE SLAB C30/37 180mm
PLASTER
- F13** STAIRCASE LANDING
CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
ANHYDRITE SCREED 45mm
PE FOIL SEPARATION LAYER
ACOUSTIC INSULATION 40mm
REINFORCED CONCRETE SLAB C30/37 230mm
PLASTER 10mm
- F14** STAIRCASE FLIGHT
ANTI-SLIP CERAMIC TILES 10mm
CEMENT ADHESIVE 5mm
REINFORCED CONCRETE SLAB C30/37 190mm
PLASTER 10mm
- S01** SIDEWALK
INTERLOCKING CONCRETE PAVING 60x200x100mm
CROUCHED STONE, DENSELY PACKED FRACTION 16-32mm
COMPACTED BASE LAYER

- W01** LOAD BEARING PERIMETER WALL (underground floor)
SILICONE PLASTER 1,5mm
ADHESIVE RENDER COAT WITH MESH 3mm
THERMAL INSULATION STYRODUR 2500C mechanically fixed 80mm
LIGHTWEIGHT ADHESIVE RENDER COAT 5mm
REINFORCED CONCRETE WALL C25/30 250mm
INNER PLASTER 10mm
- W02** LOAD BEARING PERIMETER WALL (1st floor)
SILICONE PLASTER 1,5mm
ADHESIVE RENDER COAT WITH MESH 3mm
THERMAL INSULATION mechanically fixed 140mm
LIGHTWEIGHT ADHESIVE RENDER COAT 5mm
REINFORCED CONCRETE WALL C30/37 200mm
INNER PLASTER 10mm
- W03** PERIMETER WALL (1-4th floor)
SILICONE PLASTER 1,5mm
ADHESIVE RENDER COAT WITH MESH 3mm
THERMAL INSULATION mechanically fixed 140mm
LIGHTWEIGHT ADHESIVE RENDER COAT 5mm
POROTHERM 25 AKU SYM 250mm
INNER PLASTER 10mm
- W04** LOAD BEARING INTERNAL WALL (2-4th floor)
PLASTER 10mm
POROTHERM 25 AKU SYM 250mm
PLASTER 10mm
- W05** LOAD BEARING INTERNAL WALL (1st floor)
PLASTER 10mm
RC WALL C30/37 200mm
PLASTER 10mm
- W06** PARTITION WALL
PLASTER 10mm
POROTHERM 11.5 AKU 115mm
PLASTER 10mm

±0,000 = 285,650 m a.s.l.

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Course 124BPPO - BACHELOR PROJECT		CTU
Subject RESIDENTIAL BUILDING IN PRAGUE	Date 05.2021	
Drawing SECTION A-A'	Scale 1:50	
	No. 7	