

<p>Strip foundation</p> <p>Review the scope and structural solutions of strip foundations in case of different building systems. Structural details.</p>	<p>Concrete and RC pad foundations.</p> <p>Scope, structural solutions and the joint of pad foundations to monolithic and RC columns or stanchions.</p>
<p>Slab foundation</p> <p>Review the reasons for applications. Structural solutions in traditional walling system and monolithic RC frames buildings. Typical structural layout sketches, layer orders and details.</p>	<p>Moisture forms in the soil.</p> <p>Occurrences' options and the solutions of protection against moisture forms in the soil.</p> <p>Explanatory sketches, layer orders and details.</p>
<p>Protection against water pressure</p> <p>Specific data of subsoil water and the solutions of protections against it.</p> <p>Layer orders, details.</p>	<p>Masonry walls</p> <p>Types, structural solutions. Explaining sketches, details and the adjacent constructions. Masonry walls and structures contained in it</p>
<p>Poured concrete wall buildings</p> <p>Structural solutions of external walls of poured concrete technology constructed buildings</p>	<p>External walls of framed buildings</p> <p>Criteria of selection in case of framed technology buildings. Structural solutions, specific details.</p>
<p>Crust panel</p> <p>Concept, application area, structural solutions, and joints to the load-bearing constructions. Arrangement options, typical structural details</p>	<p>Layered external RC wall panels</p> <p>Types, and structural solutions of their connections. Specific panel joints and layer orders.</p>
<p>Metal and other lightweight, heat insulated external wall claddings</p> <p>Arrangement sketches, typical details</p>	<p>Refurbishing issues of extant external walls and roofs.</p> <p>Increasing of heat insulation properties and their structural options. Specific layer orders, details.</p>

<p>Silicate material external wall claddings</p> <p>Types, structural solutions, fixations. Typical details</p>	<p>Precast and mounted partitions</p> <p>Types, structural solutions, assembling, fixations. Typical details</p>
<p>Monolithic RC floors and floors with ceramics insert</p> <p>Structural solutions, application areas, typical details</p>	<p>Precast RC floors</p> <p>Classification, application areas, structural solutions, build in. Arrangement options, typical details</p>
<p>Intermediate floors</p> <p>Applied materials, classifications, main parts, different floor and flooring systems and their acoustical valuations, layer orders, typical details.</p>	<p>Stair editing</p> <p>Rules due to the layout and the applied structure, considering the function and the claim of the use. Typical details.</p>
<p>Stairs can be applied for different solid walling building systems</p> <p>Masonry, RC large panel, walling block, tunnel shuttering) Arrangement options, sketches, structural details.</p>	<p>Precast RC stairs</p> <p>Different types, area of use, structural solutions. Arrangement options, structural details.</p>
<p>Large panel building system</p> <p>Presentation and valuation of large panel building system and its subsystems. Sketches, typical details.</p>	<p>Steel frame building system</p> <p>Presentation and valuation of steel frame building system and its subsystems. Sketches, typical details.</p>
<p>Warm and cold roofs</p> <p>Concept, operation and its structural options. Explaining sketches, structural details.</p>	<p>Built-in roofs</p> <p>Structural solutions, problems of area delimitation, principles of editing, structural details.</p>
<p>Flat roof constructions with bituminous waterproofing.</p> <p>Its operation, typical layer orders, structural options, structural details.</p>	<p>Flat roof constructions with plastic membrane waterproofing.</p> <p>Materials and their specifications, operation, structural options and layer orders, respecting details</p>

<p>Metal roof claddings</p> <p>Structural options and arrangements.</p> <p>Structural details</p>	<p>Gates, ramps, docking stations</p> <p>Operating options, typical materials, lighting solutions, special additional constructions</p>
<p>Curtain walls</p> <p>Different systems, typical materials, operation, fixation possibilities, heat insulation properties, join to solid walls.</p>	