

The invention relates to building and can be used at construction of monolithic building or its part with concave-convex support contour, for instance construction in form of cupola. Monolithic building with convex-concave support contour is formed through preparation of base of structure, formation of basement, formation on level of base of multi-level telescopic pneumo-building structure. Each level of pneumatic-building construction is formed of reinforced armature mesh of building section and elements of pneumatic casing with which one arranged casing of building sections. Building sections in form of development of spherical triangles are placed on base in such way that support edges of those are tangent to convex-concave contour of basement. In point of touch of support contour of building section to basement armature mesh is hinged to basement, armature meshes of lower sections of neighboring building sections in point of intersection of side edges of those are connected to each other with flexible links, and at inner surface of support sections and at outer surface of steep-inclined sections of building sections of structure formed one mounts holding meshes that are connected to armature mesh of building section with immersion to surface layer of building material. After that to pneumatic casing one injects air with installation of pneumatic building structure to design position. After building material cures one dismantles elements of pneumatic casing for following use. The invention promotes simplification of technology of erection of monolithic constructions with concave-convex support contour.