

The invention relates to the construction, in particular to an armature for horizontal reinforcement of stone masonry and to processes for manufacturing the armature for horizontal reinforcement of stone masonry of materials such as bricks, blocks of heavy, light or porous concrete, blocks of natural stone, and can be used in the erection of buildings for various purposes, including in seismically dangerous areas.

The armature for horizontal reinforcement of stone masonry is made of a steel strip in the form of a grid containing two flat longitudinal rods (1) of zigzag shape, placed at a distance of 25...50 mm from each other, interconnected by bridges (2), placed at a distance of 75...120 mm from each other.

The process for manufacturing the armature for horizontal reinforcement of stone masonry, according to the first embodiment, comprises cutting off along the contour the steel strip of a thickness of 1.5...2.5 mm in a follow die with the execution of external grooves in the strip, punching internal S-shaped grooves, stretching out the strip in longitudinal direction to the established size.

The process for manufacturing the armature for horizontal reinforcement of stone masonry, according to the second embodiment, comprises cutting off along the contour the steel strip of a thickness of 0.5...1.4 mm in a follow die with the execution of external grooves in the strip, punching internal S-shaped grooves, flanging the walls of the outer and inner grooves to form a U-shape, flanging the vertical walls of the outer and inner grooves with the formation of a two-layer section of each element of the armature, stretching out the billet in longitudinal direction.

Claims: 7

Fig.: 4

