

The invention relates to a method for continuously producing structural elements (B) comprising two flat and parallel wire netting mats (M, M') consisting of crossing longitudinal and transversal wires which are welded at the points where they are jointed to each other by straight web wires (S, S') maintaining said wire netting mats at a predefined space from each other and of insulating elements arranged therebetween and crossed by the web wires. The inventive method consists in placing in parallel two wire netting mats in a production channel (2) at a distance with respect to each other corresponding to a desired thickness of the structural element. An insulation plate (I, I') made of a heat insulating material is arranged in the space between the parallel wire netting mats and several web wires are simultaneously inserted through at least one of the wire netting mats and the insulating element from at least one alternate side in a an opposite direction to the diagonal on the planes which are perpendicular to the planes of the wire netting mats, said web wires being then welded to the wires (L, L'; Q, Q') of the netting mats. A device for carrying out said method and the thus produces structural element are also disclosed.