

The invention relates to the structural elements, in particular to cell panels, and may be used for the construction of building parts, diverse furniture pieces etc.

The panel contains longitudinal and transversal beams, external coating and cellular aggregate made in the form of chevron panel forms, impregnated with water glass.

The amount of chevron panel forms per square metre of the external coating surface is determined by the relation  $180 + 9 \leq n \leq 300 + 15$ , the distance B between two adjacent apex tops of the panel forms being bound up with the distance L between two adjacent apex tops of the chevron, placed in line with the panel forms by the relation  $B/L \leq 2,4$ .

The advantage of the invention consists in increasing the physical-and-mechanical indexes of the panel and in using for manufacture thereof ecologically pure materials.