

Title (en)

BUILDING ELEMENTS MADE OF TRAPEZOID CORRUGATED THIN SHEET PLATES

Title (de)

BAUTEILE HERGESTELLT AUS DÜNNEN TRAPEZBLECHEN

Title (fr)

ELEMENTS DE CONSTRUCTION CONSTITUES DE TOLE BAC ACIER FINE

Publication

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Application

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Abstract (en)

[origin: WO2008103099A1] The present invention relates to building elements (A) for building of framings of joists or walls. Each building element consists of trapezoid thin sheet here called profile plate (1) completed by wooden bars (2), se figure 1a. Alternatively the wooden bars (2) may be replaced by any other corresponding material. In this application the wooden bars (2) or when these have been replaced for the purpose by any other material are called connectors (D). In figures 1b, 1c, 2b, 2c and 4b, 4c the connectors (D) consist of metal bars (2') respectively metal plates (2'') in stead of wooden bars (2). The object of the building elements (A) is to form support for fastening of layer materials (3) according to figure 5b, alternatively bars (4) according to figure 5c, alternatively boards (5) according to figure 5a or in combination of these (3, 4, 5) e g according to figure 5d in order to form a frame for load support perpendicular to the longitudinal direction of the profile plates (1), see figures 4a, 4b, 4c, coinciding with load support in the longitudinal direction of the profile plates (1). This means that framings of joists and walls designed as mentioned above by frame-action carries perpendicularly to the longitudinal direction of the profile plates (1) at the same time as load support occurs along the strengthened profile plates (1). In this way a framing of joists or wall with load support in two perpendicular main directions is achieved at a four side support of the framing of joists/wall.

IPC 8 full level

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