Symbol	Typ	Titel
E	**Sektion**	**SECTION E — FIXED CONSTRUCTIONS**
E04	**Klasse**	**BUILDING (layered materials, layered products in general B32B)**
E04C	**Unterklasse**	**STRUCTURAL ELEMENTS; BUILDING MATERIALS (for bridges E01D; specially designed for insulation or other protection E04B; elements used as building aids E04G; for mining E21; for tunnels E21D; structural elements with broader range of application than for building engineering F16, particularly F16S)**
E04C 1/00	**Hauptgruppe**	**Building elements of block or other shape for the construction of parts of buildings (of relatively thin form E04C 2/00; structural elongated elements designed for load-supporting E04C 3/00, e.g. columns or pillars E04C 3/30; manufacture or material of building bricks, stones, or the like B28, C03, C04; paving elements E01C; general building constructions E04B, e.g. walls E04B 2/00, floors E04B 5/00, roofs E04B 7/00, ceilings E04B 9/00; structural elements specially designed for built-in conduit shafts E04F; special elements for building ovens or furnaces F24B, F27D) [5]**
E04C 1/39	1-Punkt Untergruppe	. characterised by special adaptations, e.g. serving for locating conduits, for forming soffits, cornices, or shelves, for fixing wall-plates or door-frames, for claustra
E04C 1/40	1-Punkt Untergruppe	. built-up from parts of different materials, e.g. composed of layers of different materials or stones with filling material or with insulating inserts
E04C 1/41	2-Punkt Untergruppe	. . composed of insulating material and load-bearing concrete, stone or stone-like material [6]
E04C 1/42	1-Punkt Untergruppe	. of glass or other transparent material
E04C 2/00	**Hauptgruppe**	**Building elements of relatively thin form for the construction of parts of buildings, e.g. sheet materials, slabs, or panels (materials or manufacture, see the relevant places, e.g. B27N, B29, D21J; made in situE04B; specially designed for insulation or other protection E04B 1/62; load-carrying floor structures E04B 5/02, E04B 5/16; roofs consisting of self-supporting slabs E04B 7/20 ; roof- or like covering elements E04D 3/00; for lining or finishing E04F 13/00)**
E04C 2/02	1-Punkt Untergruppe	. characterised by specified materials (translucent E04C 2/54)
E04C 2/04	2-Punkt Untergruppe	. . of concrete or other stone-like material; of asbestos cement (E04C 2/26 takes precedence; material or manufacture B28, C04)
E04C 2/06	3-Punkt Untergruppe	. . . reinforced
E04C 2/08	2-Punkt Untergruppe	. . of metal, e.g. sheet metal (E04C 2/26 takes precedence)
E04C 2/10	2-Punkt Untergruppe	. . of wood, fibres, chips, vegetable stems, or the like; of plastics; of foamed products (E04C 2/26 takes precedence)
E04C 2/12	3-Punkt Untergruppe	. . . of solid wood
E04C 2/14	4-Punkt Untergruppe	. . . . reinforced
E04C 2/16	3-Punkt Untergruppe	. . . of fibres, chips, vegetable stems, or the like
E04C 2/18	4-Punkt Untergruppe	. . . . with binding wires, reinforcing bars, or the like
E04C 2/20	3-Punkt Untergruppe	. . . of plastics
E04C 2/22	4-Punkt Untergruppe	. . . . reinforced
E04C 2/24	3-Punkt Untergruppe	. . . laminated and composed of materials covered by two or more of groups E04C 2/12, E04C 2/16, E04C 2/20
E04C 2/26	2-Punkt Untergruppe	. . composed of materials covered by two or more of groups E04C 2/04, E04C 2/08, E04C 2/10, or of materials covered by one of these groups with a material not specified in one of these groups
E04C 2/28	3-Punkt Untergruppe	. . . combinations of materials fully covered by groups E04C 2/04 and E04C 2/08

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E04C 2/284	3-Punkt Untergruppe	. . . at least one of the materials being insulating [6]
E04C 2/288	4-Punkt Untergruppe	. . . . composed of insulating material and concrete, stone or stone-like material [6]
E04C 2/292	4-Punkt Untergruppe	. . . . composed of insulating material and sheet metal [6]
E04C 2/296	4-Punkt Untergruppe	. . . . composed of insulating material and non-metallic or unspecified sheet-material (E04C 2/288 takes precedence) [6]
E04C 2/30	1-Punkt Untergruppe	. characterised by the shape or structure (translucent E04C 2/54)
E04C 2/32	2-Punkt Untergruppe	. . formed of corrugated or otherwise indented sheet-like material; composed of such layers with or without layers of flat sheet-like material
E04C 2/34	2-Punkt Untergruppe	. . composed of two or more spaced sheet-like parts (E04C 2/32 takes precedence; spacers for cavity walls E04B 2/44)
E04C 2/36	3-Punkt Untergruppe	. . . spaced apart by transversely-placed strip material, e.g. honeycomb panels (honeycomb or other core members for layered products B32B)
E04C 2/38	2-Punkt Untergruppe	. . with attached ribs, flanges, or the like, e.g. framed panels (concerned with attaching to other panels or elements to form a structure, see the places for the relevant structure, e.g. E04B 2/00)
E04C 2/40	2-Punkt Untergruppe	. . composed of a number of smaller components rigidly or movably connected together, e.g. interlocking, hingedly connected
E04C 2/42	2-Punkt Untergruppe	. . Gratings; Grid-like panels (reinforcing elements E04C 5/00; built-in gratings E04F 19/10; gratings in general F16S 3/00)
E04C 2/52	2-Punkt Untergruppe	. . with special adaptations for auxiliary purposes, e.g. serving for locating conduits (E04C 2/54 takes precedence; block-shaped elements therefor E04C 1/39; floor structures incorporating ducts E04B 5/48)
E04C 2/54	1-Punkt Untergruppe	. Slab-like translucent elements (floors for transmitting light E04B 5/46; translucent or open-work ceilings E04B 9/32, E04B 9/34; translucent roof coverings E04D 3/06, E04D 3/28)
E04C 3/00	**Hauptgruppe**	**Structural elongated elements designed for load-supporting (as building aids E04G)**
E04C 3/02	1-Punkt Untergruppe	. Joists; Girders, trusses, or truss-like structures, e.g. prefabricated; Lintels; Transoms (E04C 3/38 takes precedence; for structures characterised by movable, separable, or collapsible parts E04B 1/343)
E04C 3/04	2-Punkt Untergruppe	. . of metal (E04C 3/29 takes precedence; as reinforcing elements E04C 5/06; manufacture B21)
E04C 3/06	3-Punkt Untergruppe	. . . with substantially solid, i.e. unapertured, web (E04C 3/10, E04C 3/11 take precedence)
E04C 3/07	4-Punkt Untergruppe	. . . . at least partly of bent or otherwise deformed strip- or sheet-like material
E04C 3/08	3-Punkt Untergruppe	. . . with apertured web, e.g. with a web consisting of bar-like components; Honeycomb girders (E04C 3/10, E04C 3/11 take precedence)
E04C 3/09	4-Punkt Untergruppe	. . . . at least partly of bent or otherwise deformed strip- or sheet-like material
E04C 3/10	3-Punkt Untergruppe	. . . prestressed
E04C 3/11	3-Punkt Untergruppe	. . . with non-parallel upper and lower edges, e.g. roof trusses (arched girders, portal frames E04C 3/38)
E04C 3/12	2-Punkt Untergruppe	. . of wood, e.g. with reinforcements, with tensioning members (E04C 3/292 takes precedence)
E04C 3/14	3-Punkt Untergruppe	. . . with substantially solid, i.e. unapertured, web (E04C 3/17, E04C 3/18 take precedence)
E04C 3/16	3-Punkt Untergruppe	. . . with apertured web, e.g. trusses (E04C 3/17, E04C 3/18 take precedence)
E04C 3/17	3-Punkt Untergruppe	. . . with non-parallel upper and lower edges, e.g. roof trusses
E04C 3/18	3-Punkt Untergruppe	. . . with metal reinforcements or tensioning members

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E04C 3/20	2-Punkt Untergruppe	. . of concrete or other stone-like material, e.g. with reinforcements or tensioning members (reinforcing elements E04C 5/00)
E04C 3/22	3-Punkt Untergruppe	. . . built-up by elements joined in line
E04C 3/26	3-Punkt Untergruppe	. . . prestressed (E04C 3/22, E04C 3/29 take precedence; prestressing members E04C 5/08)
E04C 3/28	2-Punkt Untergruppe	. . of other materials
E04C 3/29	2-Punkt Untergruppe	. . built-up from parts of different materials
E04C 3/292	3-Punkt Untergruppe	. . . the materials being wood and metal
E04C 3/293	3-Punkt Untergruppe	. . . the materials being steel and concrete (concrete with internal reinforcements or tensioning members E04C 3/20)
E04C 3/294	4-Punkt Untergruppe	. . . . of concrete combined with a girder-like structure extending laterally outside the element (light-weight girders used as reinforcement E04C 5/065; as part of a floor structure E04B 5/23)
E04C 3/30	1-Punkt Untergruppe	. Columns; Pillars; Struts (not designed for end loading E04C 3/02; posts, masts, as independent structures E04H 12/00)
E04C 3/32	2-Punkt Untergruppe	. . of metal (E04C 3/36 takes precedence)
E04C 3/34	2-Punkt Untergruppe	. . of concrete or other stone-like material, with or without permanent form elements, with or without internal or external reinforcement, e.g. metal coverings (E04C 3/36 takes precedence)
E04C 3/36	2-Punkt Untergruppe	. . of other materials
E04C 3/38	1-Punkt Untergruppe	. Arched girders or portal frames (straight girders able to be bent E04C 3/02; inflatable tents or canopies, in general E04H 15/20)
E04C 3/40	2-Punkt Untergruppe	. . of metal (E04C 3/46 takes precedence)
E04C 3/42	2-Punkt Untergruppe	. . of wood, e.g. units for rafter roofs (E04C 3/46 takes precedence)
E04C 3/44	2-Punkt Untergruppe	. . of concrete or other stone-like material, e.g. with reinforcements or tensioning members (E04C 3/46 takes precedence)
E04C 3/46	2-Punkt Untergruppe	. . of other materials
E04C 5/00	**Hauptgruppe**	**Reinforcing elements, e.g. for concrete; Auxiliary elements therefor (material composition C21, C22; arrangements of reinforcing elements, see the relevant classes)**
E04C 5/01	1-Punkt Untergruppe	. Reinforcing elements of metal, e.g. with non-structural coatings [5]
E04C 5/02	2-Punkt Untergruppe	. . of low bending resistance, i.e. of essentially one-or two-dimensional extent
E04C 5/03	3-Punkt Untergruppe	. . . with indentations, projections, ribs, or the like, for augmenting the adherence to the concrete
E04C 5/04	3-Punkt Untergruppe	. . . Mats (bases for plaster E04F 13/04)
E04C 5/06	2-Punkt Untergruppe	. . of high bending resistance, i.e. of essentially three-dimensional extent, e.g. lattice girders
E04C 5/065	3-Punkt Untergruppe	. . . Light-weight girders, e.g. with precast parts (light-weight girders in general E04C 3/08, E04C 3/294)
E04C 5/07	1-Punkt Untergruppe	. Reinforcing elements of material other than metal, e.g. of glass, of plastics, or not exclusively made of metal (metal elements with non-structural coatings E04C 5/01) [5]
E04C 5/08	1-Punkt Untergruppe	. Members specially adapted to be used in prestressed constructions
E04C 5/10	2-Punkt Untergruppe	. . Ducts
E04C 5/12	1-Punkt Untergruppe	. Anchoring devices (tools or methods for tensioning E04G 21/12) [5]

Symbol	Typ	Titel
E04C 5/16	1-Punkt Untergruppe	. Auxiliary parts for reinforcements, e.g. connectors, spacers, stirrups (tools for connecting reinforcing elements E04G 21/12)
E04C 5/18	2-Punkt Untergruppe	. . of metal or substantially of metal
E04C 5/20	2-Punkt Untergruppe	. . of other material than metal or with only additional metal parts, e.g. concrete or plastics spacers with metal binding wires