E02D

E02D  FOUNDATIONS; EXCAVATIONS; EMBANKMENTS (specially adapted for hydraulic engineering E02B); UNDERGROUND OR UNDERWATER STRUCTURES {(tunnels, tunnelling, mining E21)}

WARNINGS

1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups:
   E02D 29/09 covered by E02D 29/06
2. In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

1/00 Investigation of foundation soil in situ
   (investigation involving boring or specially adapted to earth drilling E21B 25/00, E21B 49/00; investigating or analysing materials by determining their chemical or physical properties, in general G01N, e.g. sampling G01N 1/00)
   1/02 . before construction work
   1/022 . . [by investigating mechanical properties of the soil (E02D 1/027 takes precedence)]
   1/025 . . . [combined with sampling]
   1/027 . . . [by investigating properties relating to fluids in the soil, e.g. pore-water pressure, permeability (sampling of groundwater E02D 1/06)]
   1/04 . . . Sampling of soil (E02D 1/025 takes precedence)
   1/06 . . . Sampling of ground water
   1/08 . . . after finishing the foundation structure [(testing of piles E02D 33/00)]

3/00 Improving or preserving soil or rock, e.g.
   preserving permafrost soil (securing of slopes or inclines E02D 17/20; damming or interrupting passage of underground water E02D 19/12; improving soil for agricultural purposes A01; soil stabilisation for road building or like purposes E01C 21/00, E01C 23/10; setting rock anchoring bolts E21D)
   3/005 . [Soil-conditioning by mixing with fibrous materials, filaments, open mesh or the like]
   3/02 . Improving by compacting (E02D 3/11 takes precedence; compacting soil locally before or while forming foundations E02D 27/26, E02D 27/28)
   3/026 . . . by rolling with rollers usable only for or specially adapted for soil compaction, e.g. sheepfoot rollers (rollers for soil working in agriculture A01B 29/00; rollers for road paving, such rollers usable also for compacting soil E01C 19/23)
   3/0265 . . . [Wheels specially adapted therefor; Cleats for said wheels]
   3/032 . . . Trench rollers
   3/039 . . . Slope rollers

3/046 . . . by tamping or vibrating, e.g. with auxiliary watering of the soil (E02D 3/026, E02D 3/08 take precedence; generating or transmitting mechanical vibrations for performing mechanical work in general B06R; tamping or vibrating apparatus for working ballast or railways E01B 27/00, for consolidating paving materials E01C 19/30, for consolidating concrete in general E04G 21/06)
   3/054 . . . involving penetration of the soil, e.g. vibrofloation
   3/061 . . . Tamper with directly acting explosion chambers (pile drivers with explosion chambers E02D 7/12)
   3/068 . . . Vibrating apparatus operating with systems involving reciprocating masses (E02D 3/054, E02D 3/061 take precedence)
   3/074 . . . Vibrating apparatus operating with systems involving rotary unbalanced masses (E02D 3/054 takes precedence)
   3/08 . . . by inserting stones or lost bodies, e.g. compaction piles (sand drains for soil compaction E02D 3/10; stressing soil while forming foundations E02D 27/28)
   3/10 . . . by watering, draining, de-aerating or blasting, e.g. by installing sand or wick drains (E02D 3/11 takes precedence; soil-penetrating vibrators with auxiliary watering E02D 3/054; drainage of soil in general E02B 11/00)
   3/103 . . . [by installing wick drains or sand bags]
   3/106 . . . [by forming sand drains containing only loose aggregates (sand piles E02D 3/08)]
   3/11 . . . by thermal, electrical or electro-chemical means (freezing soil for interrupting passage of underground water E02D 19/14)
   3/115 . . . by freezing
   3/12 . . . Consolidating by placing solidifying or pore-filling substances in the soil (making piles E02D 5/46; soil-conditioning or soil-stabilising materials C09K 17/00; consolidation of ground around boreholes or wells E21B 43/025)
5/00 Bulkheads, piles, or other structural elements specially adapted to foundation engineering (engineering elements in general E16)

5/02 Sheet piles or sheet pile bulkheads (foundations made with sheet pile bulkheads E02D 27/30; cofferdams E02D 19/04)
5/03 Prefabricated parts (e.g. composite sheet piles)
5/04 made of steel
5/06 Fitted piles or other elements specially adapted for closing gaps between two sheet piles or between two walls of sheet piles
5/08 Locking forms; Edge joints; Pile crossings; Branch pieces
5/10 made of concrete or reinforced concrete (moulds therefor E02D 5/70)
5/105 of prestressed concrete (E02D 5/12 takes precedence)
5/12 Locking forms; Edge joints; Pile crossings; Branch pieces
5/14 Sealing joints between adjacent (sheet) piles (sealing joints not restricted to foundation piles E04B 1/68)
5/16 Auxiliary devices rigidly or detachably arranged on sheet piles for facilitating assembly (as parts of driving or pulling apparatus E02D 7/00, E02D 13/00)
5/18 Bulkheads or similar walls made solely of concrete in situ (moulds therefor E02D 5/68; making foundation slots E02D 17/13; sealing diaphragms other than those made of concrete E02D 19/18)
5/182 [using formworks to separate sections]
5/185 with flexible joint members between sections (joints in foundation structures E02D 29/16; flexible joints in hydraulic engineering E02B 3/16, in building E04B 1/68)
5/187 [the bulkheads or walls being made continuously, e.g. excavating and constructing bulkheads or walls in the same process, without joints]
5/20 Bulkheads or similar walls made of prefabricated parts and concrete, including reinforced concrete, in situ
5/22 Piles (sheet piles, i.e. elements shaped to mutually lock or mate) E02D 5/02; (pile shoes E02D 5/72; foundations on piles E02D 27/12, E02D 27/20)
5/223 [Details of top sections of foundation piles (E02D 5/54 takes precedence)]
5/226 [Protecting piles (piles with protecting cases E02D 5/60)]
5/24 Prefabricated piles

NOTE
Documents covered both by E02D 5/26 - E02D 5/32 and by one or several of the groups E02D 5/48 - E02D 5/64 are classified in all relevant groups until specific priority rules to the contrary are given

5/26 made of timber with or without reinforcement; Means affording protection against spoiling of the wood (cases E02D 5/60; impregnating agents B27K 3/16); Self-cleaning of piles placed in water

5/28 made of steel (or other metals (E02D 5/52 takes precedence))
5/285 [tubular, e.g. prefabricated from sheet pile elements (sheet pile boxes E02D 27/30; concrete piles with metal casings E02D 5/30)]
5/30 made of concrete or reinforced concrete or made of steel and concrete (E02D 5/50 takes precedence; assembled from segments E02D 5/523; prestressed concrete E02D 5/58)
5/32 with arrangements for setting (or assisting in setting) in position by fluid jets (placing piers by using fluid jets in general E02D 7/24)
5/34 Concrete or concrete-like piles cast in position (Apparatus for making same E02D 5/50 takes precedence; moulds E02D 5/665; placing, removing moulds E02D 7/00 - E02D 11/00; placing the concrete E02D 15/04)
5/36 making without use of mouldpipes or other moulds

NOTE
Documents covered both by E02D 5/34 - E02D 5/46 and by one or several of the groups E02D 5/48 - E02D 5/64 are classified in all relevant groups unless specific priority rules to the contrary are given

5/38 making by use of mould-pipes or other moulds
5/385 [with removal of the outer mould-pipes (documents also covered by one or several of the groups E02D 5/40 - E02D 5/44 are classified in all the relevant groups)]
5/40 in open water
5/42 by making use of pressure liquid or pressure gas for compacting the concrete
5/44 with enlarged footing or enlargements at the bottom of the pile
5/445 [by application of pyrotechniques]
5/46 making in situ by forcing bonding agents into gravel fillings or the soil (consolidating soil in general E02D 3/12)
5/48 Piles varying in construction along their length (i.e. along the body between head and shoe, e.g. made of different materials along their length (E02D 5/50, E02D 5/52 take precedence))
5/50 Piles comprising both precast concrete portions and concrete portions cast in situ (E02D 5/523 takes precedence)
5/52 Piles composed of separable parts, e.g. telescopic tubes (Piles composed of segments)
5/523 [composed of segments]
5/526 [Connection means between pile segments]
5/54 Piles with prefabricated supports or anchoring parts; Anchoring piles (E02D 5/44 takes precedence; ground anchors E02D 5/80; anchored foundations E02D 27/50)
5/56 Screw piles (placing piles by screwing down E02D 7/22)
5/58 Prestressed concrete piles (segmental piles E02D 5/523)
5/60 Piles with protecting cases
5/62 . Compacting the soil at the footing or in [or along] a casing by forcing cement or like material through tubes
5/64 . Repairing piles
5/66 . Mould-pipes or other moulds [{(for plant use B28B)}]
5/665 . {for making piles}
5/68 . for making bulkheads or elements thereof
5/70 . for making sheet piles {not used}
5/72 . Pile shoes
5/74 . Means for anchoring structural elements or bulkheads (anchoring piles E02D 5/54 (; anchored foundations E02D 27/50))
5/76 . Anchors for bulkheads or sections thereof [in as much as specially adapted therefor]
5/765 . . [removable]
5/80 . Ground anchors [{(for galleries, tunnels or shafts E21D 21/00)}]
5/801 . . [driven by screwing]
5/803 . . [with pivotal anchoring members]
5/805 . . [with deformable anchoring members]
5/806 . . [involving use of explosives]
5/808 . . [anchored by using exclusively a bonding material]

7/00 Methods or apparatus for placing sheet pile bulkheads, piles, mould-pipes, or other moulds [{for both placing and removing E02D 11/00: {accessories for coupling driver to piles or the like E02D 13/10; for trees or other plants A01G 17/16; placing posts E04H 17/26)}]
7/02 . Placing by driving [(E02D 7/18 - E02D 7/24 take precedence)]
7/04 . Hand [{-actuated}] pile-drivers
7/06 . Power-driven drivers [{tamps E02D 3/061}]
7/08 . . Drop drivers with free-falling hammer [(E02D 7/10 takes precedence)]
7/10 . . with pressure-actuated hammer, {i.e. the pressure fluid acting directly on the hammer structure (E02D 7/12 takes precedence; vibrating drivers E02D 7/18)}
7/12 . . Drivers with explosion chambers
7/125 . . . [Diesel drivers]
7/14 . . . Components for drivers [inasmuch as not specially for a specific driver construction]
7/16 . . . Scaffolds [or supports] for drivers [(guide frames for the elements to be driven per se E02D 13/04; supports of the artificial island type E02B 17/00)]
7/165 . . . . [of variable length, e.g. foldable or telescopic]
7/18 . Placing by vibrating [(vibrators for soil compacting E02D 3/046)]
7/20 . Placing by pressure or pulling power
7/22 . Placing by screwing down [(screw piles per se E02D 5/56)]
7/24 . Placing by using fluid jets [(prefabricated concrete piles with arrangements therefor E02D 5/32)]
7/26 . Placing by using several means simultaneously
7/28 . Placing of hollow pipes or mould pipes by means arranged inside the piles or pipes [(E02D 13/08 takes precedence)]
7/30 . . by driving cores

9/00 Removing sheet piles bulkheads, piles, mould-pipes or other moulds [{or parts thereof} (for both placing and removing E02D 11/00)]
9/005 . [removing the top of placed piles of sheet piles (E02D 9/04 takes precedence)]
9/002 . by withdrawing
9/004 . by cutting-off under water

11/00 Methods or apparatus [specially adapted] for both placing and removing sheet pile bulkheads, piles, or mould-pipes [{features relating to placing only E02D 7/00; to removing only E02D 9/00: [placing apparatus which without special provisions, can be operated to remove, e.g. vibrating drivers E02D 7/00)}]
13/00 Accessories for placing or removing piles or bulkheads {, e.g. noise attenuating chambers}
13/005 . [Sound absorbing accessories in piling]
13/02 . specially adapted for placing or removing bulkheads
13/04 . Guide devices; Guide frames [{as parts of the driver scaffold E02D 7/16}]
13/06 . for observation while placing
13/08 . Removing obstacles
13/10 . Follow-blocks of pile-drivers or like devices

NOTE
The IPC wording is replaced by the following wording: Devices adapted to, e.g. interposed on, the top of the pile to be driven, e.g. follow-blocks or the like caps, rings

15/00 Handling building or like materials for hydraulic engineering or foundations [{soil-shifting E02F;} conveying or working-up concrete or similar masses in general E04G 21/02]
15/02 . Handling of bulk concrete specially for foundation [{or hydraulic engineering} purposes [{lining canals E02B 5/02; banks of the bodies of water E02B 3/121}]
15/04 . . Placing concrete in mould-pipes, pile tubes, bore-holes or narrow shafts
15/06 . Placing concrete under water [{(for surfacing the bottom of bodies of water E02B 3/121)}]
15/08 . Sinking workpieces into water or soil [inasmuch as not provided for elsewhere]
15/10 . Placing gravel or light material under water [inasmuch as not provided for elsewhere]

17/00 Excavations; Bordering of excavations; Making embankments [soil-shifting apparatus E02F; earth drilling E21]
17/02 . Foundation pits
17/04 . Bordering {surfacing} or stiffening the sides of foundation pits
17/06 . Foundation {trenches} ditches or narrow shafts
17/08 . Bordering or stiffening the sides of ditches {trenches} or narrow shafts for foundations
17/083 . . [Shoring struts]
17/086 . . {Travelling trench shores}
17/10 . Covering trenches for foundations
17/12 . . Back-filling of foundation trenches or ditches [{(apparatus therefor E02F 5/12, E02F 5/22)}]
17/13 . Foundation slots [or slits]; Implements for making these slots [or slits]
17/16  . Loosening of soil or rock, under water (for correcting streams E02B 3/02; by dredgers or excavators E02D)
17/18  . Making embankments, [e.g. dikes, dams]
( E02D 17/20 takes precedence; [foundations for dams E02D 27/40])
17/20  . Securing of slopes or inclines ([by soil E02D 3/12; protection against snowslides or avalanches E01F 7/04, E01F 19/00; securing banks or like surfaces facing on bodies of water E02B 3/12])
17/202  . (with flexible securing means)
17/205  . (with modular blocks, e.g. pre-fabricated)
17/207  . (means incorporating sheet piles or piles)
19/00  Keeping dry foundation sites or other areas in the ground (sheet piles or bulkheads E02D 5/02)
19/02  . Restraining of open water
19/04  . by coffer-dams {, e.g. made of sheet piles (permanent sheet piling boxes E02D 27/30)}
19/06  . Restraining of underground water
19/08  . by employing open ditches arranged below the level of the water
19/10  . by lowering level of ground water ([installation for obtaining or collecting drinking water E03B 3/00])
19/12  . by damming or interrupting the passage of underground water
19/14  . by freezing the soil (in connection with sinking shafts E21D 1/12)
19/16  . by placing or applying sealing substances ([E02D 19/18 takes precedence]; consolidating by placing solidifying or pore-filling pore-filling substances in the soil E02D 3/12 {, improving soil by chemical substances C09K 17/00})
19/18  . by making use of sealing aprons, [e.g. diaphragms made from bituminous or clay material] ([concrete diaphragms E02D 5/18]; sealing or joints for [hydraulic] engineering work E02B 3/16)
19/185  . [Joints between sheets constituting the sealing aprons]
19/20  . by displacing the water, e.g. by compressed air ([pneumatic caissons E02D 23/04])
19/22  . Lining sumps in trenches [or other foundation pits]
23/00  Caissons; Construction or placing of caissons (tunnels submerged into or built in open water E02D 29/063 {, mole, piers, quays, breakwaters incorporating caissons E02B 3/06; foundation formed by caissons E02D 27/18 - E02D 27/22; caisson-like artificial islands E02B 17/00})
23/02  . Caissons able to be floated on water and to be lowered into water in situ ([floating caisson foundations E02D 27/06])
23/04  . Pneumatic caissons ([sinking of same E02D 23/10])
23/06  . by bringing persons or material into or out of compressed air caissons ([air locks in mines E21F 1/14])
23/08  . Lowering or sinking caissons ([sinking mine shaft E21D 1/00])
23/10  . Caissons filled with compressed air ([E02D 23/06 takes precedence])
23/12  . Inclined lowering
23/14  . Decreasing the skin friction while lowering
23/16  . Jointing caissons to the foundation soil, specially to uneven foundation soil
25/00  Joining caissons, sinkers, or other units to each other under water
27/00  Foundations as substructures
27/01  . Flat foundations
27/013  . [Shuttering specially adapted therefor]
27/016  . [made mainly from prefabricated concrete elements]
27/02  . Flat foundations without substantial excavation (E02D 27/04, E02D 27/08 take precedence)
27/04  . in water or on quicksand
27/06  . Floating caisson foundations
27/08  . Reinforcements for flat foundations (E02D 27/48 takes precedence)
27/10  . Deep foundations
27/12  . Pile foundations
27/14  . Pile framings [i.e. piles assembled to form the substructure]
27/16  . Foundations formed of separate piles
27/18  . Foundations formed by making use of caissons
27/20  . Caisson foundations combined with pile foundations
27/22  . Caisson foundations made by starting from fixed or floating artificial islands by using protective bulkheads
27/24  . Foundations constructed by making use of diving-bells (equipment for dwelling or working under water B63C 11/00)
27/26  . Compacting soil locally before forming foundations; Construction of foundation structures by forcing binding substances into gravel fillings (consolidating foundation soil in general E02D 3/02 - E02D 3/12; (for piles E02D 5/02, E02D 5/46])
27/28  . Stressing the soil or the foundation structure while forming foundations
27/30  . Foundations made with permanent use of sheet pile bulkheads, walls of planks, or sheet piling boxes
27/32  . Foundations for special purposes ([for paving of roads E01C 3/00])
27/34  . Foundations for sinking or earthquake territories (building constructions with protection arrangements against earthquakes E04H 9/02)
27/35  . Foundations formed in frozen ground, e.g. in permafrost soil
27/36  . Foundations formed in moors or bogs
27/38  . Foundations for large tanks, e.g. oil tanks
27/40  . Foundations for dams across valleys or for dam constructions ([dams per se E02B 3/10, E02B 7/04])
27/42  . Foundations for poles, masts or chimneys ([sockets or holders for poles or masts per se E04H 12/22])
27/425  . [specially adapted for wind motors masts (wind motors per se F03D 1/00)]
27/44  . Foundations for machines, engines or ordnance (special layout of foundations with respect to machinery to be supported F16M 9/00)
29/045 . Underground structures, e.g. tunnels or galleries, built in the open air or by methods involving disturbance of the ground surface all along the location line; Methods of making them

29/05 . at least part of the cross-section being constructed in an open excavation or from the ground surface, e.g. assembled in a trench

29/055 . further excavation of the cross-section proceeding underneath an already installed part of the structure, e.g. the roof of a tunnel

29/06 . (Constructions, or methods of constructing, in water (E02D 15/00 takes precedence; submerged foundations E02D 27/52)

29/063 . Tunnels submerged into, or built in, open water (construction or placing of caissons in general E02D 23/00; joining caissons to each other under water, in general E02D 25/00)

29/067 . Floating tunnels; Submerged bridge-like tunnels, i.e. tunnels supported by piers or the like above the water-bed (pontoons or floating bridges E01D 15/14)

29/07 . Tunnels or shuttering therefor preconstructed as a whole or continuously made, and moved into place on the water-bed, e.g. into a preformed trench

29/073 . Tunnels or shuttering therefor assembled from sections individually sunk onto, or laid on, the water-bed, e.g. in a preformed trench (caisson-type sections lowered onto the water-bed E02D 29/077)

29/077 . Tunnels at least partially built beneath the water-bed characterised by being made by methods involving disturbance thereof all along the location line, e.g. by cut-and-cover or caisson methods

29/08 . (Siphons (for sewerage E03F 5/20; siphon weirs E02B 7/18; siphons in general F04F 10/00))

29/10 . (Tunnels or galleries specially adapted to house conduits, e.g. oil pipe-lines, sewer pipes (for pressure water conduits E02B 9/06; for cables H02G 9/02; layout of tunnels or galleries in general E21D 9/14; road kerbs with housings for pipes or the like E01C 11/222); Making conduits in situ, e.g. of concrete (combined with digging of trenches or ditches E02F 5/10; making or lining tunnels or galleries E21D; constructing tunnels or galleries in open excavations E02D 29/045; in open water E02D 29/063); Casings, i.e. manhole shafts, access or inspection chambers or coverings of boreholes or narrow wells (wells for drinking water E03B 3/08; boreholes or wells formed by deep drilling E21B; shafts E21D))

29/12 . Manhole shafts; Other inspection or access chambers; Accessories therefor (for underground tanks B65D 90/10; for sewerage E03F 5/02 (climbing iron or ladders E06C 9/00))

29/121 . (characterised by the connection between shaft elements, e.g. of rings forming said shaft)

29/122 . (Steps or handrails for shafts)

29/124 . (Shaft entirely made of synthetic material)

29/125 . (characterised by the lining of the shaft)

29/127 . (with devices for impeding fall or injuries of persons)

29/128 . (Repairs of manhole shafts)

29/14 . Covers for manholes or the like; Frames for covers (gully gratings E03F 5/06)

29/1409 . (adjustable in height or inclination)

29/1418 . (with implements to assist in lifting, e.g. counterweights, springs (lifting devices for covers B66F 19/005))

29/1427 . (Locking devices (of bayonet type E02D 29/14))

29/1436 . (with overflow or explosion control means, e.g. check or relief valves)

29/1445 . (Tools for positioning or removing cover frames)

29/1454 . (Non-circular covers, e.g. hexagonal, elliptic)

29/1463 . (Hinged connection of cover to frame)

29/1472 . (Cover entirely made of synthetic material)

29/1481 . (Security devices, e.g. indicating unauthorised opening (E02D 29/1427 takes precedence))

29/149 . (Annular gaskets)
31/00 Protective arrangements for foundations or foundation structures

- (protective casings for piles E02D 5/60);
- Ground foundation measures for protecting the soil or the subsoil water, e.g. preventing or counteracting oil pollution (spillage retaining means for tanks B65D 90/24)

31/002 (Ground foundation measures for protecting the soil or subsoil water, e.g. preventing or counteracting oil pollution (not used, see subgroups and E02D 3100))

31/004 . (Sealing liners)

31/006 . (Sealing of existing landfills, e.g. using mining techniques)

31/008 . (against entry of noxious gases, e.g. Radon)

31/02 . against ground humidity or ground water (E02D 3100 takes precedence; arrangements other than according to E02D 31/04; against hydraulic pressure of groundwater E02D 31/10)

31/025 . (Draining membranes, sheets or fabric specially adapted therefor, e.g. with dimples)

31/04 Watertight packings, sheets or fabric specially adapted for use under hydraulic pressure (sealings for hydraulic engineering in general E02B 3/16; for building structures in general E04B 1/66)

31/06 . against corrosion by soil or water

31/08 . against transmission of vibrations or movements in the foundation soil (E02D 27/34 takes precedence; foundations for machines, engines or ordnance E02D 27/44; for road foundations E01C 3/06)

31/10 . against soil pressure or hydraulic pressure (anchored foundations E02B 27/80; joint sealings for use under hydraulic pressure E02D 31/04)

31/12 . against upward hydraulic pressure

31/14 . against frost heaves in soil

33/00 Testing foundations or foundation structures

- (testing methods and apparatus, see the relevant subclasses of class G01; testing structures or apparatus as regards function, in general, G01M; testing or determining chemical or physical properties, in general G01N)

35/00 Straightening, lifting, or lowering of foundation structures or of constructions erected on foundations

- (foundations for sinking territories with incorporated means for remedying settlement E02D 27/34; lifting or moving buildings E04G 23/06)

35/005 . (Lowering or lifting of foundation structures)

37/00 Repair of damaged foundations or foundation structures

- (renewing piles E02D 5/60; roads E01C 11/005; bridges E01D 22/00; repairing buildings E04G 23/02)

2200/00 Geometrical or physical properties

2200/11 Height being adjustable

2200/115 . with separate pieces

2200/12 corrugated

2200/13 having at least a mesh portion

2200/14 resilient or elastic

2200/143 . helically or spirally shaped

2200/146 . Springs

2200/15 including at least a hinge

2200/16 Shapes

2200/1671 . helical or spiral

2200/1678 . triangular

2200/1685 . cylindrical

2200/1692 . conical or convex

2200/17 including an electric conductive element

2225/00 Production methods

2225/0007 using a mold

2225/0015 using extrusion

2225/0023 Cast, i.e. in situ or in a mold or other formwork

2225/003 Injection of material

2225/0038 using an auger, i.e. continuous flight type

2225/0046 using prestressing techniques

2225/0053 using suction or vacuum techniques

2225/0061 for working underwater

2225/0069 Welding

2225/0076 Drilling

2225/0084 using pneumatic means

2225/0092 using hydraulic means

2300/00 Materials

2300/0001 Rubbers

2300/0003 Car tires

2300/0004 Synthetics

2300/0006 Plastics

2300/0007 PVC

2300/0009 PE

2300/001 PP

2300/0012 recycled

2300/0014 PU

2300/0015 HDPE

2300/0017 thermoplastic

2300/0018 Cement used as binder

2300/002 Concrete

2300/0021 Mortar

2300/0023 Slurry

2300/0025 Adhesives, i.e. glues

2300/0026 Metals

2300/0028 Copper

2300/0029 Steel, Iron

2300/0031 in cast iron form

2300/0032 in sheet form, i.e. bent or deformed plate material

2300/0034 in wire form

2300/0035 Aluminium

2300/0037 Clays

2300/0039 mixed with additives

2300/004 Bentonite or bentonite-like