

List of products of harmonised standards

Code 18: WASTE WATER ENGINEERING PRODUCTS

Standard	Name	Application	Product-type	Intended use	System of attestation	Mandate
EN 295-6	Vitrified clay pipes systems for drain and sewers — Part 6: Requirements for components of manholes and inspection chambers	Components for vitrified clay manholes and inspection chambers for buried drain and sewer systems for the conveyance of wastewater (including domestic wastewater, surface water and rainwater) under gravity and periodic hydraulic surcharge or under continuous low head of pressure. This standard does not apply to manhole tops and cover slabs.	Manholes and inspection chambers	To be used on carriageways, parking areas, hard shoulders and outside buildings	4	M/118 en M/131
				For use(s) when subject to regulations on reaction to fire	1, 3, 4	
EN 588-2	Fibre cement pipes for drains and sewers — Part 2: Manholes and inspection chambers	For asbestos free fibre-cement manholes and inspection chambers for use in buried drains and sewers with gravity flow at atmospheric pressure. Products covered by this standard include prefabricated elements in as well as prefabricated complete manholes and inspection chambers.	Components for fibrecement manholes and inspection chambers and prefabricated complete manholes and inspection chambers	Access for cleaning and inspection of drains and sewers for personal and/or introduction of cleaning equipment	4	M/118
EN 858-1	Separator systems for light liquids (e.g. oil and petrol) — Part 1: Principles of product design, performance and testing, marking and quality control	For separator systems for light liquids, where light liquids are separated from waste water by means of gravity and/or coalescence. This standard does not apply to the treatment of stable emulsions, solutions of light liquids and water, grease and oils of vegetable and animal origin.	Separator system for light liquids	Separate light liquids from wastewater to protect sewerage systems and surface water	3, 4	M/118
EN 1433	Drainage channels for vehicular and pedestrian areas — Classification, design and testing requirements, marking and evaluation of conformity	For linear drainage channels for the collection and conveyance of surface water when installed within areas subjected to pedestrian and/or vehicular traffic. This standard applies to grid units, slot units and kerb units up to a clear opening of 1 000 mm.	Drainage channel Type M and Type I	Collection and conveyance of surface water from areas subject to pedestrian and/or vehicular traffic	3	M/118
EN 1825-1	Grease separators — Part 1: Principles of design, performance and testing, marking and quality control	For the separation of greases and oils of vegetable and animal origin from wastewater by means of gravity and without any external energy. This standard does not cover grease separators intended to treat domestic wastewater from kitchen areas of single family dwellings, where the separator has a nominal size less than 1. The standard is not applicable for the separation of light liquids, e.g. petrol, fuel and heating oil, and does not cover the treatment of wastewater exclusively containing stable emulsions of greases and oils.	Grease separator	Separate greases from wastewater to protect sewerage systems and surface water	3, 4	M/118

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EN 1916	Concrete pipes and fittings, unreinforced, steel fibre and reinforced	For precast concrete pipes and fittings, unreinforced, steel fibre and reinforced, with flexible joints (with seals either integrated in the units or supplied separately) and nominal sizes not exceeding DN 1 750 for units with a circular bore or WN/HN 1 200/1 800 for units with an egg-shaped bore, for which the main intended use is the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, in pipelines that are generally buried.	Pipes, fittings and joints	In installations for the transport/disposal/storage of water not intended for human consumption	4	M/118 en M/131
EN 1917	Concrete manholes and inspection chambers, unreinforced, steel fibre and reinforced	For precast concrete units for inspection chambers designed to be used for inverts not exceeding 2 metres deep and manholes, of circular, rectangular (with or without chamfered or rounded corners) or elliptical internal shape, unreinforced, steel fibre and reinforced, with nominal sizes and normal length not exceeding DN 1 250 (circular) or LN 1 250 (rectangular or elliptical). The intended use is to permit access to, and to allow aeration of, drain or sewer systems for the conveyance of sewage, rainwater and surface water under gravity or occasionally at low head of pressure, mainly installed in areas subjected to vehicular and/or pedestrian traffic. Requirements for joints (elastomeric, plastomeric or other sealing materials, either integrated in the unit or supplied separately) are also specified.	Concrete manholes and inspection chambers	To permit access to and to allow aeration and ventilation of drain or sewer systems, for example on carriageways, parking areas, hard shoulders and outside buildings	4	M/118
EN 12050-1	Wastewater lifting plants for buildings and sites — Principles of construction and testing — Part 1: Lifting plants for wastewater containing faecal matter	For lifting plants for wastewater containing faecal matter (referred to as “faecal lifting plants” in this Standard), which may also be used to deal with wastewater that does not contain faecal matter, for drainage of locations in buildings and sites below flood level for buildings and sites to prevent any backflow of wastewater into the building.	Kits and elements for wastewater pumping stations and effluent lifting plants inside buildings	For use inside buildings	3	M/118
EN 12050-2	Wastewater lifting plants for buildings and sites — Principles of construction and testing — Part 2: Lifting plants for faecal-free wastewater	For lifting plants for faecal-free wastewater in buildings and sites. It specifies methods for drainage of locations below flood level to prevent any backflow of wastewater into the building.	Kits and elements for wastewater pumping stations and effluent lifting plants inside buildings	For use inside buildings	3	M/118

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EN 12050-3	Wastewater lifting plants for buildings and sites — Principles of construction and testing — Part 3: Lifting plants for wastewater containing faecal matter for limited applications	For lifting plants for wastewater containing faecal matter for limited applications used for draining a single WC according to EN 33 or EN 37 to which it is directly connected and located below flood level. Plants for limited applications are those where the number of users is small, where there is another WC available above flood level, and the plants serve no more than one wash-hand basin, one shower and one bidet provided they pass the tests described in clause 8 and they are installed in accordance with EN 12056-1 and no other sanitary appliance is directly or indirectly connected.	Kits and elements for wastewater pumping stations and effluent lifting plants inside buildings	For use inside buildings	3	M/118
EN 12050-4	Wastewater lifting plants for buildings and sites — Principles of construction and testing — Part 4: Non-return valves for faecal-free wastewater and wastewater containing faecal matter	For non-return valves used in conjunction with faecal and faecal-free wastewater lifting plants.	Kits and elements for wastewater pumping stations and effluent lifting plants inside buildings	For use inside buildings	3	M/118
EN 12380	Air admittance valves for drainage systems — Requirements, tests methods and evaluation of conformity	For air admittance valves to be used in drainage systems installed inside buildings in accordance with EN 12056-2 and EN 12056-5.	Air admittance valves	To ventilate gravity drainage systems	4	M/118
EN 12566-1	Small wastewater treatment systems for up to 50 PT — Part 1: Prefabricated septic tanks	Prefabricated septic tanks and ancillary equipment used for the partial treatment of domestic wastewater for a population ≤50PT.	Septic tanks	To be used for faecal and organic effluents	3	M/118
EN 12566-3	Small wastewater treatment systems for up to 50 PT — Part 3: Packaged and/or site assembled domestic wastewater treatment plants	For packaged and/or site assembled domestic wastewater treatment plants (including guest houses and businesses) used for populations up to 50 inhabitants. It covers plants with tanks made of concrete, steel, PVC-U, Polyethylene (PE), Polypropylene (PP), Glass Reinforced Polyester (GRP-UP), Polydicyclopentadiene (PDCPD) and container made of flexible sheets (PEHD, PP, PVC, EPDM). This Standard applies for small wastewater treatment plants for use buried in the ground where no vehicle loads are applied to the product. This Standard applies to plants where all prefabricated components are factory or site-assembled by one manufacturer and which are tested as a whole.	Kits and elements for waste water treatment plants and on-site treatment equipment	To be used outside of buildings for faecal and organic effluents	3	M/118
EN 12566-4	Small wastewater treatment systems for up to 50 PT — Part 4: Septic tanks assembled in situ from prefabricated kits	Septic tanks assembled in situ from prefabricated kits and ancillary equipment where applicable, used outside buildings for the partial treatment of domestic wastewater for a population up to 50 PT.	Septic tanks assembled in situ from prefabricated kits	To be used for faecal and organic effluents	3	M/118

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EN 12566-6	Small wastewater treatment systems for up to 50 PT — Part 6: Prefabricated treatment units for septic tank effluent	Prefabricated secondary treatment units used for the treatment of effluent from septic tanks.	Kits and elements for waste water plant and on-site treatment equipment	To be used outside buildings for rain water, faecal and organic effluents	3	M/118
				For all use(s) when subject to regulations on reaction to fire	1, 3, 4	
EN 12566-7	Small wastewater treatment systems for up to 50 PT — Part 7: Prefabricated tertiary treatment units	A packaged and/or site assembled tertiary treatment unit for installation either separately or in a pre-existing unit.	Kits and elements for waste water plant and on-site treatment equipment	To be used outside buildings for secondarily treated effluents	3	M/118
				For all use(s) when subject to regulations on reaction to fire	1, 3, 4	
EN 13101	Steps for underground man entry chambers — Requirements, marking, testing and evaluation of conformity	For steps manufactured from cast iron, steel or aluminium, for use in manholes and other underground man entry chambers as a means of access. This standard does not apply for steps moulded in prefabricated manholes of the same material.	Manhole Steps	To be used as a means of access in manholes and other man entry chambers to facilitate safe entry and exit	4	M/118
EN 13564-1	Anti-flooding devices for buildings — Part 1: Requirements	For factory made anti-flooding devices for faecal and/or non-faecal wastewater for use in drainage systems of buildings operating under gravity in accordance with EN 12056-1.	Anti-flooding device	Protection of buildings from internal flooding	4	M/118
EN 14396	Fixed ladders for manholes	For fixed ladders in manholes who are suitable for use in sewage, rainwater, surface water and, subject to the requirements of national regulations, potable water environments.	Fixed ladders	To be used as a means of access in manholes and other man entry chambers to facilitate safe entry and exit	4	M/118