

INSPECTION CHAMBERS COMPLIANCE

EN 13598-2

EN 13598-2 Plastics piping systems for non-pressure underground drainage and sewerage – Part 2: Specifications for manholes and inspection chambers.

This European Standard specifies the definitions and requirements for buried manholes and inspection chambers installed in non-pressure drainage and sewerage systems to a maximum depth of 6 metres from ground level to the invert of the main chamber and manufactured from unplasticised poly(vinylchloride) (PVC-U), polypropylene (PP), polypropylene with mineral modifier (PP-MD) or polyethylene (PE).

These products are intended for use in pedestrian or vehicular traffic areas and underground installations conforming to the general requirements given in EN 476 and are used outside the building structure (application area code "U"). They are therefore marked accordingly with a "U".

Such products are also deemed to meet the requirements of EN 13598-1 for application area U without the need for further testing. These manholes and inspection chambers may also be used for storm-water systems.

This European Standard is only applicable to those chamber / manhole components (base, riser, cone telescopic part and other near surface components) where the manufacturer has clearly stated in the documentation how the components shall be assembled to create a complete manhole or inspection chamber.

This European Standard only covers manholes and chambers with flow profile bases with or without sloping channels. It also covers the jointing of the component to the pipework system. The frame cover and grating components shall, unless otherwise specified, comply with EN 124-1, EN 124-2, EN 124-3, EN 124-4, EN 124-5 and EN 124-6 [1] or EN 1253-4[2].

The products covered by this European Standard comprise the following:

- Manholes constructed on a drain or sewer to permit entry by personnel.
- Inspection chambers providing access to the drainage or sewerage system by means of inspection and cleaning equipment.

PLEASE NOTE

Shallow inspection chambers for use in non-roadway situations down to a depth of 1.25m max are specified in EN 13598-1.

The manhole and inspection chamber components can be manufactured by various methods e.g., injection moulding, rotational moulding, low-pressure moulding or fabricated from components made in accordance with other standards.

Both manholes and inspection chambers can be site assembled from different components but can also be manufactured as a single unit.