

SPECIFICATIONS

MANHOLE/CATCH BASIN CHIMNEY TYPE WITH SMOOTH EXTERIOR WALL

SCOPE

These specifications apply to all 300 mm (12 in) to 900 mm (36 in) diameter corrugated manholes/catch basins chimney type used for changes in direction, inspection and cleaning of storm water sewer networks and retention system pipes.

MANHOLE/CATCH BASIN CHIMNEY TYPE REQUIREMENTS

The chimney shall be made with smooth interior and exterior walls, manufactured from a single part and meet CL-625 highway loading requirements as defined in standard CAN/CSA-S6, H-25 or HS-25 as defined in standard AASHTO.

RAW MATERIALS

Chimneys shall be made from a polyethylene resin that complies with properties classification PE 324420C, as defined in standard ASTM D3350.

GRATES AND COVERS

- For roadway use, frames and covers shall be made of cast iron and adjustable, allowing transfer of loads to the surrounding soil.
- For non-roadway use, grates and covers shall be made from S series cast iron or HDPE.

DIMENSIONS AND QUANTITIES

Dimensions and quantities shall comply with tender documents and drawings.

INSTALLATION

Installation shall be carried out in compliance with standard BNQ 1809-300 and following Soleno's recommendations. Contact the Soleno representative in your region or visit our website at soleno.com for installation recommendations.