

SPECIFICATIONS

PERFORATED SOLFLO

SCOPE

These specifications apply to all 100 mm (4 in) to 300 mm (12 in) diameter perforated Solflo pipes used to collect surface runoff and control the ground water level.

PIPE REQUIREMENTS

Pipes shall be Solflo, manufactured with corrugated interior and exterior walls.

- Pipes shall be certified as per standard BNQ 3624-110 and have a minimum stiffness of 300 kPa for diameters between 100 mm (4 in) and 200 mm (8 in).
- Pipes shall be certified as per standard M294 and have a minimum of 210 kPa for 300 mm (12 in) diameters.

RAW MATERIALS

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

PERFORATIONS

- Perforations shall be Type 2, in compliance with standard BNQ 3624-110. Total perforation area shall be at least 32 cm² per meter (1.5 in² per foot) of length.

JOINT PERFORMANCE

- 100 mm (4 in) to 200 mm (8 in): double bell snap (safety catch) to ensure proper positioning on pipes.
- 300 mm (12 in): double bell with clips to ensure proper pipe insertion.

ACCESSORIES

- Accessories will be manufactured according to specified requirements in the standard BNQ 3624-110.
- Every connection to a concrete structure shall be made with a monolithic HDPE adapter with smooth interior wall and an end bell. PVC and urethane adapters will not be permitted.
- Accessories shall be factory welded.

DIMENSIONS AND QUANTITIES

Dimensions and quantities shall comply with tender documents and drawings.

INSTALLATION

Installation shall be carried out in compliance with manufacturer recommendations. Contact the Soleno representative in your region or visit our website at www.soleno.com for installation recommendations.