

INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

IAPMO GUIDE CRITERIA

FOR

BUNDLED EXPANDED POLYSTYRENE SYNTHETIC AGGREGATE UNITS

IAPMO IGC 276-2011

1. PURPOSE

- 1.1** The purpose of this standard is to establish a generally acceptable standard for bundled expanded polystyrene (EPS) synthetic aggregate units which may contain a pipe for use as a septic leach disposal system, perimeter drain, foundation drain or French drain. Its intent is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture and installation; and to provide for identification of bundled EPS synthetic aggregate units complying with this standard.
- 1.2** The provisions of this standard are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent of this standard.

2. SCOPE

- 2.1** This standard covers physical requirements and tests for types of material and other significant properties in addition to a general description of materials used. Certain features of construction and finish of the final product are also given, together with methods of marking and identification. Information on configuring and sizing bundled EPS synthetic aggregate units in septic wastewater applications is provided in Appendix A.

3. REFERENCED STANDARDS

- 3.1** All standards referenced herein shall be the current edition of that standard.

ASTM D 1248	Polyethylene Plastics Extrusion Materials for Wire and Cable
ASTM D 3786	Bursting Strength of Textile Fabrics—Diaphragm Bursting Strength Tester Method
ASTM D 4632	Grab Breaking Load and Elongation of Geotextiles
ASTM D 4976	Polyethylene Plastics Molding and Extrusion Materials

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