



Ultra-Drain Guard, Recycled Model Specification



Product: Ultra-Drain Guard, Recycled Model

Sold by:

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1.0 Description of Work

- 1.1 This work shall consist of furnishing, installing, maintaining, and removing Ultra-Drain Guard, Recycled Model sediment/pollutant control device as directed by the engineer or as shown on the site drawings.

2.0 Ultra-Drain Guard, Recycled Model Materials

- 2.1 Ultra-Drain Guard, Recycled Model shall be manufactured from a specially designed, 100% recycled, lipophilic geotextile and sewn by a double needle machine, using a high strength nylon thread.
- 2.2 Ultra-Drain Guard, Recycled Model shall be manufactured to fit the opening of the catch basin or drop inlet. Ultra-Drain Guard, Recycled Model will have the following features: four lifting straps attached at the top to facilitate removing and emptying; Ultra-Drain Guard, Recycled Model shall have lifting straps as an integral part of the system to be used to lift unit from the basin;
- 2.3 The Ultra-Drain Guard, Recycled Model unit shall utilize a nonwoven fabric with the following characteristics:

Specifications for Ultra-Drain Guard, Recycled Model

Property	Test Method	Units	Test Results
Grab Tensile MD	ASTM D4632	lbs	118
Grab Tensile TD	ASTM D4632	lbs	89
Elongation at Peak MD	ASTM D4632	%	131
Elongation at Peak TD	ASTM D4632	%	172
Wide Width Tensile MD	ASTM D4595	lbs/in	33
Wide Width Tensile TD	ASTM D4595	lbs/in	23
Elongation at Break MD	ASTM D4595	%	110
Elongation at Break TD	ASTM D4595	%	156
Puncture Resistance	ASTM D4833	lbs	72
Trapezoid Tear Strength MD	ASTM D4533	lbs	64
Trapezoid Tear Strength TD	ASTM D4533	lbs	45
Permittivity (Constant Head)	ASTM D4491	sec ⁻¹	2.02
Flow Rate	ASTM D4491	gal/ft ² /min	151
Apparent Opening Size	ASTM D4751	U.S. Sieve	140/150

3.0 Construction Sequence

3.1 To install Ultra-Drain Guard, Recycled Model in the catch basin, remove catch basin grating. Clean dirt and debris from grating ledge. Insert Drain Guard. Reinstall grate. Drain Guard skirt must be secured (pinched) between grating and ledge. Cut the excess fabric off with a blade or knife if desired.

3.2 To remove Ultra-Drain Guard, Recycled Model, lift grate/Drain Guard from catch basin using lifting straps.

3.3 Once the construction cycle is complete, remove Drain Guard from the basin and dispose of in accordance with local regulations and statutes.

4.0 Basis of Payment

4.1 Payment for all Ultra-Drain Guard, Recycled Model units used during construction is to be included in the bid price for the overall erosion and sediment control plan unless unit price is requested.

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