

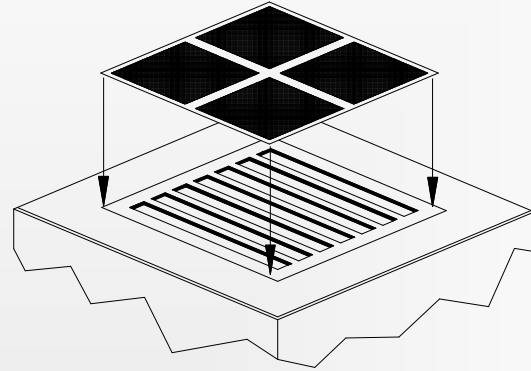
GrateFX

Inlet Protection Appliance

US Patent 6,706,172

Key Benefits of the GrateFX Inlet Appliance:

- Install in just a couple of minutes.
- Glued to the grate.
- No need to lift the grate off to install or remove.
- Reusable appliance constructed out geotextile and masticated rubber for durability.
- Low profile for traffic, brooms and blades.
- Product sizes are based off of major four-dry sizes.



CAD and PDF files available for implementation in drawings.



#1. CLEAN SURFACE OF GRATE AND APPLY BEAD OF E-6000 ADHESIVE TO GRATE



#2. POSITION GRATEFX ON GRATE



#3. STEP ON SLAMMER TO EVEN OUT ADHESIVE.

GEOTEXTILE PROPERTIES			
PROPERTY	TEST METHOD	ENGLISH	METRIC
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	370 x 220 lbs	1645 x 980 N
Elongation	ASTM D-4632	25 x 15 %	25 x 15 %
Puncture	ASTM D-4833	115 lbs	510 N
Mullen Burst	ASTM D-3786	470 psi	3240 kPa
Trapezoidal Tear	ASTM D-4533	115 x 75 lbs	510 x 335 N
Endurance			
UV Resistance	ASTM D-4355	90%	90%
Hydraulic			
Apparent Opening Size	ASTM D-4751	30 US Std. Sieve	0.600 mm
Percent Open Area	CW-02215	11%	11%
Permittivity	ASTM D-4491	1.10 sec-1	1.10 sec-1
Water Flow Rate	ASTM D-4491	110 gpm/ft2	4,480 l/min/m2

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