

June 30, 2009

INFILTRATOR SYSTEMS INC.
DAVID LENTZ
6 BUSINESS PARK RD.
PO BOX 768
OLD SAYBROOK CT 06475

Re: Description: LEACHING SYSTEM, POLYSTYRENE AGGREGATE
Manufacturer: INFILTRATOR SYSTEMS INC.
Product Name: SMARK-ROCK, prefabricated synthetic rock aggregate
Model Number(s): **SR3-12H, SR3-12HP, SR1-12P, SR1-12A, SR1-7A**
[5- OR 10-FT. LENGTHS; SINGLE BUNDLES AT 12 IN. DIAMETER WITH AND WITHOUT
4 IN. DIA. POLYETHYLENE PIPING; SINGLE BUNDLES AT 7 IN. DIAMETER WITHOUT
POLYETHYLENE PIPING; BANDED TRIPLE BUNDLES AT 12 IN. DIAMETER WITH 4 IN.
DIA. POLYETHYLENE PIPING IN CENTER ONLY OR 4 IN. DIA. POLYETHYLENE PIPING
IN ALL THREE BUNDLES; SEE APPROVAL STIPULATIONS FOR EISA RATINGS]
Product File No: 20090153

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of June 2014.**

This approval is contingent upon compliance with the following stipulation(s):

- This product must be installed in accordance with the manufacturer's printed instructions, product approval, and plan approval. If there is a conflict between the manufacturer's instructions and the product approval and/or plan approval, the product approval and/or plan approval will take precedence.
- When this product is installed in a dispersal cell that is sized based on the EISA rating stated in the regarding block of the product approval letter, this product must receive wastewater having a BOD5 value between 30 and 220 mg/L and a TSS value between 30 and 150 mg/L.
- This product must have geotextile fabric that meets requirements of s. Comm 84.30 (6) (g), Wis. Adm. Code, installed directly on top of the product and extending down along the sides of the product to a point at least six inches from the bottom of the product.
- EISA means the Equivalent Infiltrative Soil Area per product which is used to size the soil treatment/dispersal cell using soil application rates specified in COMM Table 83.44-1 or Table 83.44-2, Wis. Adm. Code.
- Description: Prefabricated bundles comprised of closed-cell, expanded polystyrene synthetic aggregate surrounded by high-strength netting; each bundle configuration has at least one 4-in. diameter polyethylene pipe. (See bundle diameters, lengths and configurations in the header information above.)
- Connections: Pipe/bundle connections are comprised of flexpipe with an internal, plastic snap-coupler.

- Labeling: The plastic wrapping used in shipping will include the Infiltrator name, contact information, and model on an affixed label.
- Component manual: At this time no component manual specific to the Infiltrator Smart-Rock is approved.
- Soil cover/depth of bury: Min. soil cover is 6 in.; max. soil cover is 4 ft.
- When this product is installed in a dispersal cell that is sized based on the EISA rating stated herein, this product must be installed in a dispersal system, which has the top of the dispersal cell at or below original grade.
- This product uses a 100% polypropylene Spunbond geotextile fabric. For other options for geotextile fabric for use on the sides of this product in a distribution cell that is sized based on the EISA rating stated herein, the geotextile fabric must meet all of the following specifications:
 - . Geotextile shall be non-woven
 - . Weight shall be 0.35 oz/sq yd to 1.5 oz/sq yd
 - . Apparent opening size (AOS) shall be 20-30 U.S. Sieve (ASTM D-4751)
- **EISA RATINGS: Max. allowable EISA rating 5.0 SF/LF.**
- **Additional information is included as attachment(s) to this letter; see attachment A, B, C, D and E.**

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
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ATTACHMENTS A-E