



September 4, 2013

ROTH GLOBAL PLASTICS, INC.
BRUCE A. STOWE

PO BOX 245
SYRACUSE NY 13211

Re: Description: SEWAGE TANKS, POLYETHYLENE
Manufacturer: ROTH GLOBAL PLASTICS, INC.
Product Name: SEPTIC, HOLDING OR PUMP
Model Number(s): RMT-1250
(40" L.L., SEE TABLE 1 FOR GAL/IN., 36" MAX. DEPTH OF BURY, 599 G.P.D. WHEN
USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL
WASTEWATER)
Product File No: 20130285

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, 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 supersedes the approval issued on December 23, 2008 under product file number 20080356.

This approval is valid until the end of September 2018.

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

- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 greater than 30 mg/L but less than or equal to 220 mg/L, TSS greater than 30 mg/L but less than or equal to 150 mg/L and F.O.G. less than or equal to 30 mg/L.
- The tank is not recommended to be installed where saturated soil or seasonal high ground water tables are indicated between the bottom of the tank and the ground surface.
- The tank shall not be buried greater than 36 inches below grade.
- BEDDING: This tank must be set on approximately 6 inches of pea gravel or sand in the bottom of the excavation.
- Backfill material soil shall flow freely into corrugations between tank ribs. The backfill must be compacted in 6 inch lifts.
- The inlet and outlet baffles must be located directly below their respective manhole opening.
- This product may be installed using the following inlet/out combinations that provide at least 104 inches between baffles.
- When this tank is installed with the optional partition wall, the wall must be installed by the manufacturer and installed in the rib that is located approximately 2/3 of the tank length when measured from the inlet end of the tank.

Table 1 Capacity Chart
ST-1250

Gallons per Inch

Height (inches)	Gallons in Tank	/	Height (inches)	Gallons in Tank
1	7		26	771
2	16		27	804
3	25		28	838
4	41		29	872
5	63		30	912
6	91		31	948
7	115		32	985
8	147		33	1017
9	179		34	1052
10	213		35	1082
11	241		36	1117
12	281		37	1152
13	309		38	1192
14	352		39	1222
15	389		40	1259
16	419		41	1297
17	452		42	1319
18	489		43	1343
19	520		44	1374
20	556		45	1394
21	592		46	1422
22	637		47	1440
23	667		48	1453
24	701		49	1465
25	737		50	1469

- Tank Bedding: As per manufacturer's instructions, provide min. of 6 inches pea stones free of debris, sharp stones and stones greater than 2 inches in diameter.

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,



Sally A. Shumaker - POWTS Plan Reviewer/Plumbing Product Reviewer
Bureau of Technical Services
Division of Industry Services
Department of Safety and Professional Services
(608) 264-7782 Phone
(608) 267-9723 Fax
sally.shumaker@wisconsin.gov