

April 23, 2008

ROTH GLOBAL PLASTICS, INC.  
JOSEPH A BROWN

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: 20080220

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 January 21, 2009.**

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 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 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.
- 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.

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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

This approval supersedes the approval issued on 7/31/07 under product file number 20070269.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070269.

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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