



April 23, 2008 re-issued 6/17/2008

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-1500
(40" L.L., SEE TABLE 1 FOR GAL/IN., 36" MAX. DEPTH OF BURY, 718 G.P.D. WHEN
USED AS A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL
WASTEWATER)
Product File No: 20080221

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 JULY 31, 2013.**

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 114 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-1500

Gallons per Inch				
Height (inches)	Gallons in Tank	/	Height (inches)	Gallons in Tank
1	14		26	961
2	27		27	1003
3	49		28	1046
4	71		29	1096
5	101		30	1146
6	131		31	1186
7	163		32	1226
8	196		33	1271
9	230		34	1316
10	264		35	1356
11	309		36	1396
12	354		37	1438
13	396		38	1480
14	438		39	1510
15	482		40	1540
16	526		41	1571
17	571		42	1601
18	616		43	1631
19	656		44	1660
20	696		45	1685
21	741		46	1703
22	786		47	1725
23	831		48	1742
24	876		49	1759
25	919		50	1771

This approval supersedes the approval issued on 7/31/2008 under product file number 20070270.

This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20070270.

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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