



Technical Data Sheet

Septic Tank Applications with RootX® Jars & Funnel



Treatment:

4 lb. Jar of RootX® will create 30 gallons of foam

Tools/Equipment:

- Chemical-resistant gloves
- Chemical-resistant apron
- Water for cleaning the roots and activating the foam
- Septic pumping truck (if tank needs to be pumped down to expose roots)

Septic Tank Application Formula:

G.P.I. (Gallons per inch) of the septic tank x Inches to be treated = Gallons of RootX required

Gallons of RootX required ÷ 30 gallons per RootX® 4 lb. Jar = Number of Required 4 lb. RootX Jars

For example:

(22 gallon per inch tank) X (5 inches of foam required) = 110 Gallons of foam

110 Gallons ÷ 30 Gal. per 4 Lb. RootX Jar = 3.67 – 4 lb. Jars of RootX®

(Round up to 4 – 4 lb. Jars of RootX)

1 Know Your Intrusion

The point of the root intrusion must be located in the septic tank to properly create a treatment plan. Most common points of intrusion are tank seams, lid seams, risers, around the baffles, and larger cracks/holes in tank. If roots have intruded via the inlet or outlet pipe, please see the RootX® Jar Technical Data Sheet for residential pipe applications.

2 Know Your Tank

Once the point of root intrusions is located, there is necessity to understand information about the septic tank such as Gallons Per Inch (GPI) and tank access locations. These access locations will be where you will administer the RootX® treatment.

3 Create a Treatment Plan

A. Riser Intrusions can have RootX® directly applied to the intrusion. First remove what root mass you can. Spray the roots with water to clean any buildup off. Put the mixed RootX® directly on the roots and lightly spray with water to start the foaming action. You can now leave the root intrusion to deteriorate which can be as quick as 3 weeks.

B. Baffle intrusions will require that all roots around the baffle are exposed and out of the sewage. If RootX® powder can be directly applied to the intrusion, follow instructions for a Riser Intrusion in part 1. For a 4-inch baffle you will want the liquid level slightly below the baffle where the intrusion is located, a pump truck may be required to facilitate this. Approximately 5-inches of the tank will need to be foamed to adequately contact roots, the tanks GPI will be needed to calculate how much RootX® is needed to accomplish this. Using the above mentioned formula will give you the required number of 4-pound jars of RootX® to treat the intrusion around the baffle.



THE RIGHT SOLUTION. RIGHT NOW.

For more information or to order, visit us on the web at www.rootx.com, email us at rootx@rootx.com, or give us a call at 1-800-844-4974.



Technical Data Sheet

Septic Tank Applications with RootX® Jars & Funnel

1 Know your root intrusion and tank

Determine the location of the root intrusion in the septic tank. Then calculate the required amount of RootX® needed using the Septic Tank Application Formula.

Septic Tank Application Formula:

$$\begin{aligned} \text{Number of 4 lb. jars required} &= \\ &(\text{Tank gallons per inch}) \times (\text{Inches of foam required}) \\ &\text{Divided by} \\ &30 \text{ Gallons of Foam per 4 lb. Jar} \end{aligned}$$



2 Expose the root intrusion

Using a septic pumping truck, pump the tank fluid down just below the root intrusion. When applied, the foam will ride on the liquid allowing complete coverage of the roots.



3 Remove accessible roots and clean off the root mass

Physically remove any roots that are easily accessible. Using a hose, rinse off the remaining roots to expose them for the RootX® application



4 Mix the RootX®

Mix the correct amount of RootX® jars required for covering the roots (see Septic Tank Application Formula).



5 Apply the RootX®

For intrusions that can be applied directly to the roots—

Apply the mixed dry RootX® powder directly onto the root masses. Follow that application with a light misting of water to activate the RootX® foam to cover the roots. Be careful to not rinse the foam off the roots.



For intrusions that cannot be treated by a direct application — Determine the volume of foam required to completely cover the root mass. Divide that number by 30 (gallons of foam per 4 lb.jar) and this will equal the amount of 4 lb. jars needed to apply to the tank. Apply the dry powder as close as possible to the root mass and add water to agitate the RootX® and create the foam.

6 Restrict water usage for 6-8 hours.

For Precautionary Statements and more specific information, please refer to the RootX® label.

EPA Reg. No. 68464-1