

# Riser STR-080 for Ecoflo® Biofilter STB-500/650

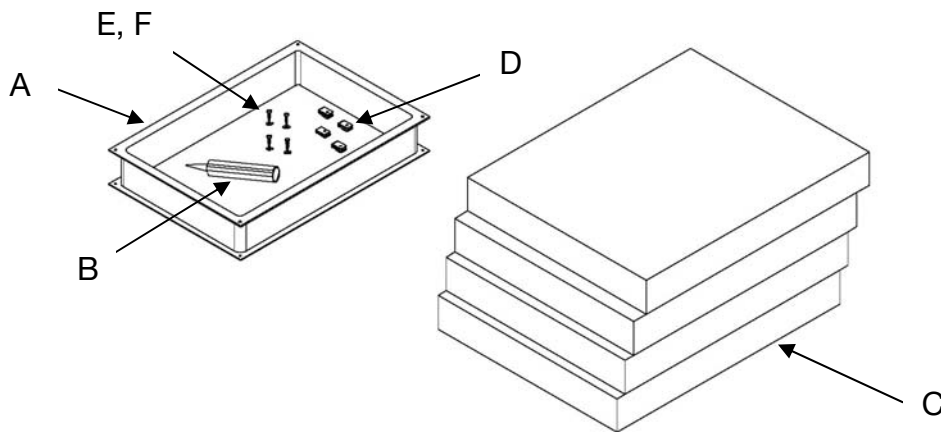
## Installation guide

This guide provides the information required for the installation of the **Riser STR-080** from **Premier Tech Aqua (PTA)**. This riser is to be used with the **Ecoflo® Biofilter STB-500/650** in fiberglass with collecting bottom. If you need more details, do not hesitate to contact our Customer Service at **1 800 632-6356**.

## 1. Installation sequence

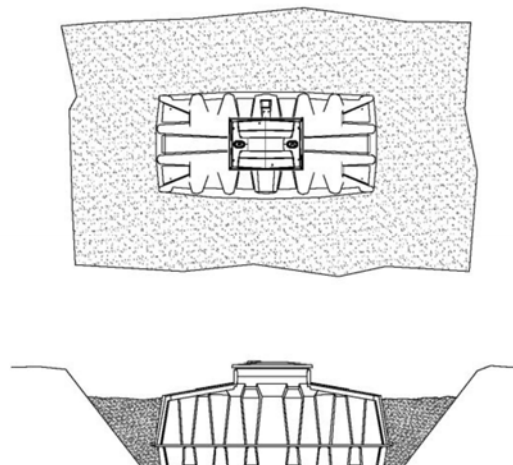
### Step 1. Verification of the components required:

Item	Quantity	Description
A	1	200 mm (8") riser
B	1	Silicone seal
C	4	Styrofoam board 1,22 m x 1,22 m x 0,20 m (48" x 60" x 8")
D	5	Plastic Tinnerman ty-wraps
E	5	Lag screw 9,5 mm x 32 mm ( $\frac{3}{8}$ " x $1\frac{1}{4}$ " )
F	5	Washer 9,5 mm ( $\frac{3}{8}$ " )



### Step 2. Backfilling of the shell

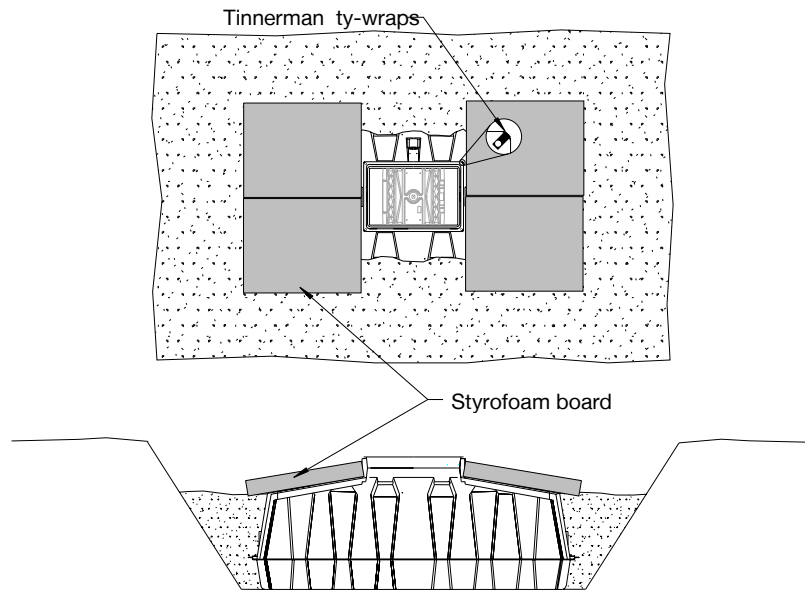
Backfill the shell up to its shoulder level as described in the **Ecoflo® Biofilter** Installation Guide.



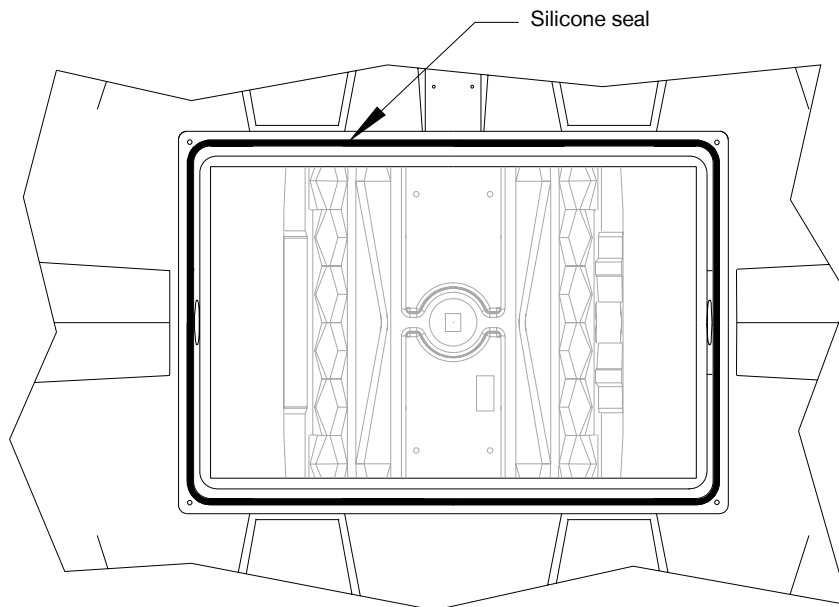
### Step 3. Installation of the accessories and the riser

3.1 Install the styrofoam boards on top of the shell as shown in the figure below.

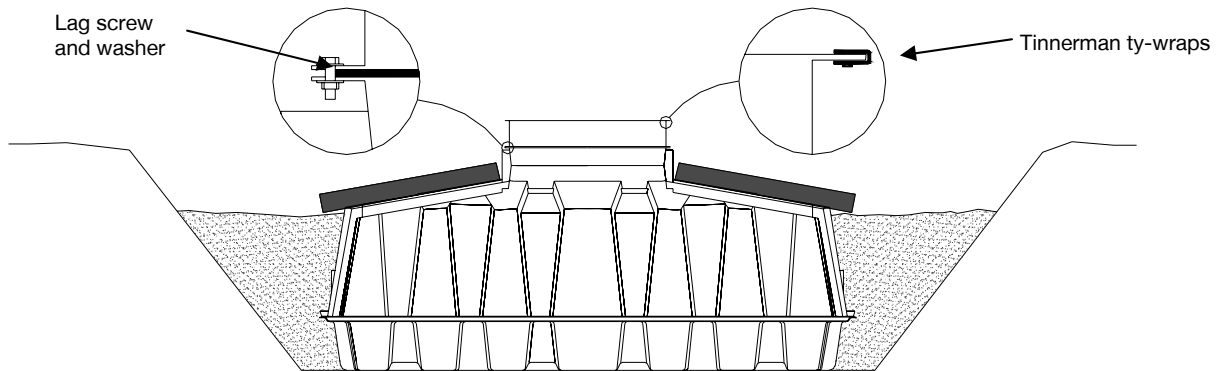
3.2 Remove the lid from the **Ecoflo® Biofilter** and the Tinnerman ty-wraps from the access neck.



3.3 Clean the rim of the Biofilter's access (where the 4 holes are located for the lag screws). Put the silicone seal on the **Ecoflo® Biofilter's** access rim by centering it on the rim where the lid rests. At the 4 corners, the silicone seal must be installed as close as possible to the lid's retaining bolts.

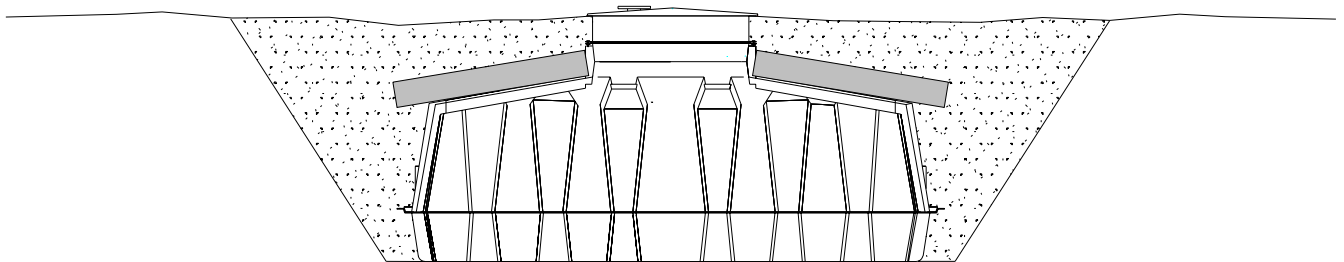


- 3.4 Install the riser on the **Ecoflo® Biofilter's** access rim. Verify that the plastic Tinnerman ty-wraps are on the upper edge of the riser before laying it down on the silicone seal.
- 3.5 Fix the riser to the four corners of the **Ecoflo® Biofilter** with the lag screws and the washers, keeping 6 mm (¼") between the two parts to prevent excessive deformation of the shell neck or of the riser.



#### Step 4. Completion

Install the lid on the riser and complete the installation as described in the **Ecoflo® Biofilter** installation guide.



## 2. Guidelines for installation

When using a riser with an **Ecoflo® Biofilter**, make sure to **respect all the following rules, otherwise, the warranty will be considered null and void:**

- **Only one riser must be installed per Ecoflo® Biofilter.**
- Risers can **only be used with the STB-500/650 Ecoflo® Biofilter models (with collecting bottom).**
- **Only the Premier Tech riser STR-080 can be used with an Ecoflo® Biofilter.**
- Make sure to install properly all the items as described in the installation sequence.
- For the **Ecoflo® Biofilters STB-650B and BR** made of **concrete**, the risers can be installed without the styrofoam boards.



☎ 1 800 632-6356  
 📞 418 862-6642  
 📧 pta@premiertech.com  
 🌐 PREMIERTECHAQUA.COM

The information contained in this document is based upon the latest information available at the time of publication and is designed to provide you with a general introduction to our products. We make no warranties or representations as to its accuracy. We are continually updating and improving our products and reserve the right to amend, discontinue, alter or change specifications and prices without prior notice.

© Premier Tech Ltd, 2010