

January 25, 1999

Project EARX-99-0160

Report # 05-029-0415

Revised March 11, 1999

Mr. Douglas E. Bowen
Bowco Industries, Inc.
5486 S.E. International Way
Portland, Oregon 97222

Dear Mr. Bowen:

Re: POLYSEAL HD40 Testing

This report documents the results of testing on the POLYSEAL HD40 product conducted by Bowco Industries Incorporated and verified by Braun Intertec Corporation. Testing was performed in accordance to ASTM C1227-97, *Standard Specification for Precast Concrete Septic Tanks* Section 9.2.1 at the Braun Intertec Corporation laboratory located in Portland, Oregon with equipment supplied by Bowco Industries.

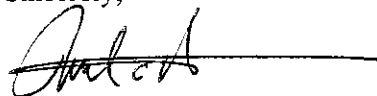
The POLYSEAL HD40 product is made of a Thermoplastic Elastomer, and is used as a septic tank seal.

The POLYSEAL HD40 was cast into a concrete cylindrical section. This section was then secured with four nut and bolt assemblies to a pressure vessel and sealed using an o-ring gasket. A capped section of Schedule 40 PVC pipe was then inserted through the POLYSEAL HD40 so that positive (pressurized) and negative (vacuum) loads could be applied.

The POLYSEAL HD40 maintained a *positive load (pressurized) of 10 psi for a 10 minute period.* In addition, this product maintained a negative load (vacuum) of 10 inHg for a five minute period.

It has been a privilege being of service for this evaluation. Please don't hesitate to call us at 800 783-6985 if you have any questions.

Sincerely,



Marcel de Hoog
Staff Engineer