

BRAUNSM
INTERTEC

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*Engineers and Scientists Serving
the Built and Natural Environments*

January 19, 1999

Project EARX-98-0160

Report # 05-019-0261

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

Dear Mr. Bowen:

Re: POLYSEAL HD35 Testing

This report documents the results of testing on the POLYSEAL HD35 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.

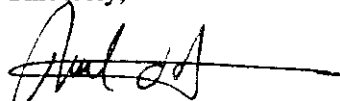
The POLYSEAL HD35 product is made of a Thermoplastic Elastomer, and is used as a septic tank seal.

The POLYSEAL HD35 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 35 PVC pipe was then inserted through the POLYSEAL HD35 so that a positive load (pressurized) and a negative load (vacuum) could be applied.

The POLYSEAL HD35 maintained a positive load (pressurized) of 6 psi for a five 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