

| Product | Model | Data | Issue Date |
|------------------|-------|----------------------|------------|
| PRO-STIK Sealant | All | GAI Performance Test | March 2008 |



GAI Consultants, Inc.

August 21, 2000

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Fort Wayne, IN 46825-6715
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Project 99-272-20

Mr. John M. Kurdziel, PE
Press-Seal Gasket Corporation
P.O. Box 10482
Fort Wayne, Indiana 46852

RECEIVED
AUG 22 2000

**Report for
Preformed Flexible Joint Sealant Certification
Pro-STIK Butyl Rubber Sealant Part 279.3
Press-Seal Gasket Corporation
Fort Wayne, Indiana**

Dear Mr. Kurdziel:

GAI Consultants, Inc. (GAI) presents this report to Press-Seal Gasket Corporation (Press-Seal) in follow-up of my observations and the related information provided on and subsequent to the certification test conducted on August 17, 2000. The tests were performed at the Press-Seal, 6932 Gettysburg Parkway, Fort Wayne, Indiana facility on a seal manufactured by AlliedSignal Specialty Chemicals (ADCO Division), an Astor Corporation for conformance with ASTM C990 - 96, Section 10.1. The Press-Seal identification of the sealant is Part 279.3. The AlliedSignal Specialty Chemicals identification of the sealant is Pro-STIK (ST-50).

The objective of the test was to demonstrate that the sealant would provide a flexible joint between two approximately parallel, unfinished, dry-cast concrete surfaces in general accordance with ASTM C990 - 96, Section 7.2 (Alternative Joint Designs), under the conditions prescribed in ASTM C990 - 96, Section 10.1, and exhibit no leakage as defined in ASTM C990 - 96 sections 10.1.

The sealant section tested was randomly cut from a roll of Pro-STIK ST-50 recently received by Press-Seal from Allied Signal Specialty Chemicals. The untested sealant section was of nominal one (1) inch width and 0.68 inch depth. The untested sealant section was formed into a ring with a diameter of approximately nine (9) inches and height of approximately one (1) inch with the two ends being formed together by hand pressure. The sealant section was centered around an approximately 1/2 inch hole cut in an unfinished, dry-cast concrete pad of dimensions 16" x 16" x 1 1/4". The concrete pad and a steel plate supported the sealant section. This ring was sandwiched between a similar structure (concrete pad and steel plate) reportedly having a total approximate combined weight of a typical concrete septic tank (600 pounds). The applied weight compressed the sealant to a thickness of approximately 1/16-inch. A rubber o-ring provided a seal between the finished face of each of the concrete pads and the steel plates. The sections were tested hydrostatically in this vertical alignment.

Press-Seal Gasket believes all information is accurate as of its publication date. Information and specifications are subject to change without notice. Press-Seal Gasket is not responsible for inadvertent errors. Copyright 2008.



PRESS-SEAL GASKET CORPORATION
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Mr. Kurdziel

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TEST SUMMARY TABLE

| Test Condition | Test Duration | Test Pressure | Result |
|---|---------------|-------------------|--------|
| Vertical alignment of two (2) unfinished dry-cast concrete surfaces | 10 minutes | 12.2 to 10.2 psig | Pass |

In summary, the Pro-STIK Butyl Rubber Sealant Part 279.3, tested under the prescribed conditions, exhibited no leakage.

The pressure gauge used was a calibrated Maarsh, Control #613, range 0 - 15 psig, mounted on a hose connected to the top steel plate.

Sincerely,
GAI Consultants, Inc.



Robert L. Henricks, P.E.
Project Manager



8/22/08



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