



**Professional Service Industries, Inc.**  
**Pittsburgh Testing Laboratory Division**

October 14, 1992

Flaherty-Wick, Incorporated  
110 Fifth Street  
West Elizabeth, Pennsylvania

15088-0624

Attention: Mr. Jim Flaherty

Re.: ASTM C-42 Compressive and Flexure Tests

Upon completion of compressive and flexure testing of concrete cubes, which were mixed and cast in our laboratory, the following results were obtained on the specimens.

The raw untreated cube broke under compression at 3680 PSI. The single surface PermaCrete coated not injected cube broke at 4740. This is an increase in compressive strength of 1.29 times.

The raw untreated cube broke under flexure testing at 423 PSI. The single surface PermaCrete coated not injected cubes broke at 543 PSI. This is an increase in flexure strength of 1.28 times.

In all cases, the original concrete forms were cast on August 10, 1992 and were coated with PermaCrete on August 24, 1992.

In all cases for this test, the samples were broken on October 5, 1992 which was 56 days after casting and 42 days after PermaCrete application to the treated samples.

Very truly yours,

PITTSBURGH TESTING LABORATORY DIVISION

A handwritten signature in black ink that reads 'C.A. Sherman'. The signature is written in a cursive, flowing style.

C. A. Sherman  
Department Manager  
Construction Services

CAS/mb