



TILE INSTITUTE of AMERICA

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December 31, 1994

Client: 40970.15

Mr. Bob Galganski
GLOBAL TECHNOLOGY SYSTEMS
Badger Cork Division
26112 110th Street
Trevor, Wisconsin 53179

Product: Underlayment: AcoustiCork™ 6mm CLA Cork by "GTS"

Tile: 4 x 4 x 1/4 inch unglazed ceramic white bisque tile
Bond Coat: **Dry-Set Portland Cement bonding mortar**; Commercially prepared
Portland Cement Mortar conforming to ANSI A 118.1.
Nominal Dimensions: **6mm Thick**

Subject:
Standard Test Method for Bond Strength of Ceramic Tile to Portland Cement.

Designation: **ASTM C 482 Modified** (Bond coat was prepackaged conforming to ANSI A118.1,
not pure Portland cement as standard, No liquid nor powdered latex)

Requirements:
Standards for Dry-Set Portland Cement Mortar ANSI A118.1 after 28 day cure.
The average bond strength of the mortar shall be **150 psi or greater.**
Uniform Building Code requires 50 psi or greater for adhered veneer tile.

Results:

BOND STRENGTH

SAMPLE

<u>ID</u>	<u>PSI</u>	<u>Compliance</u>	<u>Load</u>	<u>Failure Description</u>
A	51	Pass	820	Bond Coat : Cork
B	48	Fail	770	Bond Coat : Cork
C	50	Pass	805	Bond Coat : Cork
D	50	Pass	812	Bond Coat : Cork
E	52	Pass	838	Bond Coat : Cork

Average: 50 Pass

For dry conditions only.

Range:

68

Laboratory Test Conducted by:

Don Halvorson (Director of Testing)

Witnessed by:

Gerald M. Halweg, CTC, CSI, TTA. (President)

