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833 Professional Place, W.
Chesapeake, Virginia 23320
Telephone: (804) 436-1111
Fax: (804) 436-1674

May 13, 1994

RECORD NO: V 61-149
CONTROL NO: 61-94-47984
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EPOXY ABRASION RESISTANCE EVALUATION

CLIENT: Fortec Stabilization, Inc., 184 W. 64th Street, Holland, MI 49423
PROJECT: Material Evaluation Fortec 105 (Virginia EP 3T) Light Gray, Batch # 4297

Applicable Std: ASTM 968, Method A

Date Received: 5-11-94

Scope: The client prepared four specimens for testing. Each specimen consisted of the subject epoxy applied at an approximate thickness of 3 mil to a 3" x 5" ferro metal plate. The epoxy was applied to each specimen on 5/09/94. Two of the four specimens were randomly selected for the evaluation conducted on 5/12/94. The results of this evaluation are listed below.

RESULTS: AVERAGE MEAN VALUE 88.5 liter/mil

Specimen	(T) (V) Abrasion Abrasive Lost, mils	Qty, I	(V/T) Abrasive Resistance
No: 1.1	0.9	100	111.1
1.2	0.5	50	100
1.3	0.9	60	66.7
Average			91.3
No: 2.1	0.6	50	83.3
2.2	0.5	50	100
2.3	0.6	50	76.9
Average			85.7

- Note: 1) This method was modified to determine abrasion resistance based upon a minimum loss of 0.5 mils of epoxy.
2) The surface of both specimens exhibited a slight dulling of the finish and minor staining after testing.

Respectfully,
Froehling & Robertson, Inc.

C.F. Starves
Branch Manager

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