

**ChemGrout<sup>®</sup>**  
**"Equipment for Grouting"**

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Roger Dollar  
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RE: ALUMINALINER PF

The following is the test report on the pumping characteristics of the ALUMINALINER PF as tested here at Chemgrout on this date. We appreciate your confidence in our equipment and the opportunity to be of service.

The ALUMINALINER PF mixed quickly and thoroughly to a thick, pasty consistency and it was pumped & sprayed without difficulty.

Conditions: Inside Warehouse temp. 68 degrees F.

Equipment Used: CG-570 Grout pump and mixer, a 1" X 50' grout hose and a spray wand

Mixing Water Temp.: 68 degrees F.

ALUMINALINER PF: Two bags were added to 2.6 gallons total water in the mixer. With mixer blades running at about 60 RPM a thick, pasty lump-free consistency was observed after about 30 seconds after the last bag was added.

The batch was pumped & sprayed and re-circulated for 5 minutes, and then allowed to sit without movement for 5 minutes. Pumping and spraying was resumed without problems.

No discoloration or separation was observed. The material appeared to stay in suspension without significant settlement of aggregate.

ChemGrout considers this product to be "excellent" for mixing and pumping through the CG-570.

Yours truly,

Marvin Hansen  
ChemGrout, Inc.