

ChemGrout

"EQUIPMENT FOR GROUTING"

GROUT PUMPS & MIXERS • ACCESSORIES • GROUTING SYSTEMS • TECHNICAL ASSISTANCE

January 22, 1992

Tracy N. Johnston
CTS Cement Manufacturing Company
8700 West Bryn-Mawr, Suite #800
Chicago, IL 60631

RA-1-33

Re: Pumpability report

Material: Rapid-Set, Brown Line

Dear Tracy:

The following is our test report on the pumping characteristics of the C.T.S. product, as tested here on January 17, 1992. We appreciate your confidence in our equipment and the opportunity to be of service.

The Rapid-Set mixed quickly and thoroughly to a smooth, creamy consistency, and was pumped without difficulty.

Conditions: Inside Warehouse, Temp. 68° Deg. F.

Equipment: CG-550P Mini-Grout Pump and Mixer, and a 1" I.D. X 50' Grout Hose.

Mixing Water: Fresh Water, 68 Deg. F.

Rapid - Set: 3 bags were added to 12 quarts total water in the mixer, mixer blades running at about 60-75 RPM. Creamy smooth, lump-free consistency was observed about 30 seconds after the third bag was added. Batch was pumped and recirculated for 3 minutes. The mix was then pumped back into the mixer. About 11 lbs. of dry material was added to the mixer pumping was resumed without problems.

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

ChemGrout considers this product to be "Excellent" for mixing and pumping through the CG-550P.

Yours truly,



Marvin Hansen
ChemGrout, Inc.