

ChemGrout

"Equipment for Grouting"

ChemGrout, Inc.
P.O. Box 1140
805 E. 31st Street
LaGrange Park, IL 60526
Tel: 708-354-7112
Fax: 708-354-3881

June 12, 1996
Mike Prizzi
Tamms Industries
7405 Production Drive
Mentor, OH 44060

Re: TAMMS SPEED CRETE RED LINE

The following is our test report on the pumping characteristics of the TAMMS SPEED CRETE RED LINE as tested here at ChemGrout on this date. We appreciate your confidence in our equipment and the opportunity to be of service.

The TAMMS SPEED CRETE RED LINE mixed quickly and thoroughly to a thick, pasty consistency. This material is extremely fast setting. By the time the grout hose was completely full of material the material had hydrated to the point it was no longer pumpable.

Conditions: Inside warehouse temp. 68 Degrees F.

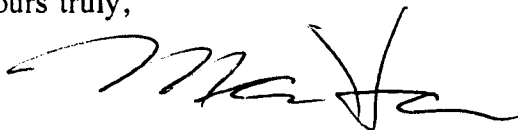
Equipment Used: CG-570 Grout pump & mixer, a 1" X 50' grout hose and spray wand.

TAMMS SPEED CRETE RED LINE: Two bags were added to 1.5 gallons of water and 1.5 gallons of the liquid polymer 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 50' and then was hydrated to the point that it was solid in the grout hose.

ChemGrout considers this product to be a non-pumpable material.

Yours truly,



Marvin Hansen
ChemGrout, Inc.