PLAINTIFF'S EXHIBIT

CT-1248

A/C & PVC PRESSURE PIPE FLOW CALCULATOR

In June of 1974, the attached bulletin concerning the CertainTeed Pressure Pipe Flow Calculator was sent to all field personnel. Due to cost and an adequate place to carry the calculator in this binder, we have chosen not to include the calculator itself.

This calculator is still available upon request to the Advertising Department.

CertainTeed

Technical Bulletin

June 10, 1974

TO: VF P&PG MARKETING AND SALES PERSONNEL
ALL DISTRICT MANAGERS
ALL TERRITORY MANAGERS
ALL ADMINISTRATIVE ASSISTANTS
ALL A-C & PVC PRODUCT MANAGERS
ALL FIELD SERVICE MANAGERS
ALL SALES ENGINEERS

FM: T. SWITALSKI T. Switalski

RE: A-C AND PVC PRESSURE PIPE FLOW CALCULATOR

Attached is our new Pressure Pipe Flow Calculator for use with both A-C and PVC Pressure Pipe. It will be a very useful tool for engineers using our pipe. Also enclosed is a new instruction booklet to explain how the calculator can be used.

The flow calculator is based on the Hazen-Williams Formula. PVC has a Hazen-Williams flow factor or roughness coefficient of C = 140 for A-C and C = 150 for PVC. An outstanding feature of this calculator is the variable C factor scale which means that the flow rates through pipe of different materials can be compared. Thus, the superior flow capabilities of our A-C and PVC pipe are very evident when using this calculator.

Another feature of our calculator is that the pipe diameters are plotted as actual internal diameters but indicated as nominal diameters thereby giving an exact answer for any flow calculations involving our A-C or PVC Pressure Pipe. Additionally, PVC internal diameter scales are included for IPS and Cast Iron dimensions.

If further supplies are needed, please contact the advertising department.