

**PLAINTIFF'S
EXHIBIT**

USG-35.1

INSULATION RESEARCH

February 11, 1958

Mr. A. L. Jones

JOPLIN PLANT

**Re: Substitution of USG Industrial White
Plaster for White Portland Cement in
One-Cote Cement Formulation**

Laboratory tests have been completed to determine the amount of USG Industrial White Plaster which can be used as a substitute for white portland cement in our One-Cote Cement formulation. Based upon our experience with the gypsum plaster supplied by Bestwall Certain-Teed, we made laboratory batch tests in which various degrees of substitution were tried. The results of these tests show that the USG material can be used to the same extent as found for the Bestwall Certain-Teed material.

It would seem reasonable therefore that the proposed formulation revision employing gypsum, which we gave in detail in our letter of January 17, 1958 addressed to Mr. Christner, should work equally as well with the USG material. The savings reported for the Bestwall Certain-Teed material should be duplicated with the USG material, as their quoted delivered price is the same.

At the present time, neither of these gypsums from these two potential suppliers has been used in plant batches made in accordance with the recommended revised formulation. In the case of Bestwall Certain-Teed, we have received 300 lbs. for that purpose and are awaiting word from the Joplin Plant when some test batches can be made. In the case of the USG material, the only material tested has been the 5 lbs. which we received for our laboratory evaluation.

P. L. L.
Paul L. Losse

PLL/s

**cc: Mr. Glen J. Christner
Mr. L. E. Cook**

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