

From C. J. Pratt

Inter-Office Mem

7032510

To Wale Moll

WESTERN MINERAL PRODUCTS COMPANY

Larry Venard
Harvey Steiff
Warren Meehl
Max Corso

Subject Zonolite Spra-Insulation

City Minneapolis

Date Sept. 28, 1959

Please confine this letter to one subject only. Keep a copy.

PLAINTIFF'S
EXHIBIT

WRG-1602

PENGAD-Bayonne, N.J.

C O N F I D E N T I A L

PLAINTIFF'S
EXHIBIT

G-12.06

Dear Dale:

I have just had a long talk with Mel Quayle concerning Spra-Insulation, in view of the very hot prospects that have developed for this product in our territory. The question now is about why they would first experiment with the product as spray insulation and then introduce both Mono-Kote and Z-TeX before releasing the product under its original intended use.

Mel insists the jobs ~~have~~ been satisfactory where Spra-Insulation has been installed. The first ~~job~~ was done on a Wonder Building for the Government in the Pittsburgh area. It was done in July, 1958. The building is air-conditioned and heated. The building has been inspected at very frequent intervals and according to Mel has been entirely satisfactory with a 1" thickness applied directly to the metal.

An American Legion Building in the Pittsburgh area and also a Wonder Building were applied in the wintertime and the first half of the jobs definitely froze shortly after application. The balance of the work was done with some heat available. There has been no difficulty with adhesion on these jobs. There have been about 15 jobs done in the Pittsburgh area to date.

All of the jobs done so far have been done by Werner Insulation Company, who were originally applicators for one of the asbestos type materials. They have applied over 8,000 bags of material to date. All of it has been applied 1" thick in one application. They even have applied some to overhead doors on buildings at the airport at Pittsburgh.

So far, the Spra-Insulation has been produced according to the formula given to us for Mono-Kote. Zonolite has been giving special attention to mixing procedures, especially the matter of fluffing asbestos, in order to obtain the lightest possible material at the plant. They claim that 14 to 15 lbs. is about the best density they've had at Chicago; California Zonolite has reportedly produced some material at 12½ lbs. per cu.ft.

The best K factor they have obtained so far is .63. Mel is in hopes that eventually they will get material with a factor as low as .50. He points out that their particular problem has been the air structure in this mix, it is a little weak and the density is quite increased as the material is put through a pump. He is still working on air entraining that will have better strength.

I explained that matter of material sagging on steel beams after we had applied a quarter of an inch or so. Mel said that some sagging has been experienced and that the best way to prevent it is to work with a drier mix and have the material thoroughly mixed. He also pointed out the setting of the pin in the nozzle is extremely important, that there should be a definite spray rather than having the material come out in a stream. Mel cautions us to check dry

From C. A. Pratt

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100-111

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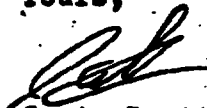
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density at the plant - be sure that the product weighs no more than 14 lbs. and, if possible, get it down to 12 or 13 lbs.

Mel further says to watch the wet density at the time of application. He says the material leaving the mixer should be in the range of 40 to 42 lbs. and leaving the nozzle of the hose it should be 55 lbs. or lower. He would like to see the material leaving the hose at a much lower density.

For the time being, Mel suggests that we use our regular Mono-Kote formula for any Spra-Insulation that is to be produced in our plants. There is some feeling in his mind that Mono-Kote and Spra-Insulation may continue to be the same product. For your information Z-Tex is a more dense product and uses the smaller aggregate to produce a finer texture. Z-Tex will weigh somewhere around 60 to 65 lbs. per cu.ft. as it leaves the nozzle of the pump.

Yours,


C. A. Pratt

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