Ardmore

May 14, 1957

Paoli Laboratory
GUN APPLICATION ACCUSTIC
PLASTER R&D 183

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PLAINTIFF'S EXHIBIT
GP-748

cc: Mr. O. F. Grieve - Ardmore

We now have a formula for gun application plaster which looks promising.

All tests were made in comparison with U.S.G. and National acoustic plasters. Sound absorption tests made in the laboratory indicate that it has about the same NRC as the competitive plasters. Other tests such as trowel and gun application, hardness, bond, coverage, etc. indicate that this formula is equal and in some respects superior to the competitive plasters. It will be necessary to have sound absorption tests made by an outside laboratory before putting it on the market but before doing this we would like to have it tried in the field.

The cost department has prepared estimated standard raw materials costs per ton (without bags) of this formula at various plants.

Acme	$70.797
Akron	48.250
Fort Dodge	50.606
Grand Rapids	49.612

The reason for the higher cost at Acme is mainly freight on perlite from Fort Dodge to Acme and higher freight on asbestos than to the other locations. Both of the competitive plasters are packed 40 lbs. per bag. Coverage per ton on our formula will be a little higher than either of the competitive materials. Assuming that we also pack it 40 lbs. per bag the raw materials cost per bag, exclusive of bags, would be approximately $1.00 per bag at all locations shown except Acme, Texas.

This formula is to be used for both base coat and finish coat. This is also true of both the competitive plasters. Our formula is considerably lighter in color than either National or U.S.G.'s. In fact, it is light enough that it will probably not be necessary to produce a super white material for finish. In the event that field tests are satisfactory we will have sound absorption and light reflection tests made by outside laboratories.

If you are in accord with testing this material in the field at this time please advise us at what location you want to try it and we will make arrangements to get the raw materials.

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