PLAINTIFF'S EXHIBIT

GP-2233

BESTWALL GYPSUM COMPANY

TO Ardmore DATE 8/25/59 FROM Paoli Lab.

ATTENTION OF Mr. C. E. Abbey SUBJECT ACOUSTICAL PLASTER

DICTATED BY J. R. Watt - :g

cc - Messrs A. L. Mayer - Ardmore
U. Lipnicki - Ardmore
M. M. Powers - Akron
K. W. Brown - Acme
H. J. Zelms - Fort Dodge
A. H. Ten Elshof - Grand Rapids
E. L. Flinn - Sigurd

Several salesmen have requested recommendations for applying our acoustical plaster direct to gypsum wallboard. In order to have sufficient data to do so it was necessary to make actual ceiling tests in the Laboratory. These tests have been completed and we can now make some definite recommendations for this type application. However, bear in mind that the preferred base for our acoustical plaster is the standard gypsum basecoat.

1. Taper shall be taped and filled in one operation. It shall be allowed to dry before applying acoustical plaster. It is not necessary to float any joints.

2. End joints shall be taped only.

3. Acoustical shall be sprayed (machine applied).

4. If used only as a decorative finish and sound absorption is not a factor only the amount necessary to cover the board and give the desired texture can be used. In order to properly cover the board and joints we recommend spraying two thin coats. Spray the first coat, allow to dry, than spray the second coat taking care to leave a uniform texture. For this type application no hand tools should be used. Either Bestwall Lite-Acoustic White Plaster or the Ultra-White finish may be used. Consistency of slurry should be thin enough to give the desired texture.

5. If sound absorption is required, the first coat should be sprayed on evenly as possible approximately 1/4 inch thick. Allow to thoroughly dry before applying second coat. Do not use hand tools (darby or trowel) on first coat. Spray second coat thick enough to build up to the full 1/2 inch overall thickness. If care is taken the second coat can be applied uniform enough to leave it as a finished ceiling. It is recommended that it be done in this manner if possible. However, if the ceiling is not uniform enough after spraying the second coat, it should be straightened up with a darby and/or trowel using as little pressure as possible so as not to disturb the bond to the wallboard. A thin finish coat may than be sprayed on. It is preferable to allow the second coat to dry overnight before applying the finish.

6. As is always true when applying Bestwall Lite-Acoustic, it is very important that it be well mixed. It should be mixed seven to eight minutes in a mechanical mixer.