

UNITED STATES GYPSUM COMPANY

RESEARCH LABORATORIES

PROGRESS REPORT

SUMMARY

2-27-58
E.S.J.
A.L.R.

Project No. 82062 Acoustical Plasters

1. Conversion of Audicote from the paper fiber formula to the asbestos fiber formula, started by trial shipments to the Chicago area, will be complete for all markets from both Ft. Dodge and New Brighton by mid-February.
2. Job reports on the new Audicote formula indicate
 - (a) Complete fiber dispersion on wet mixing.
 - (b) Greatly improved rust inhibiting characteristics.
 - (c) Working qualities and freedom from fissuring superior to that of competitive materials.
 - (d) Increased profit to U.S.G. (\$545/month based on estimated 1958 tonnage.)
3. Fire resistance tests by Bureau of Standards on materials tested in 1953 are outmoded because of reformulation of products and addition of Audicote to acoustical plaster line.
4. Questions submitted by Texas Lathing Plasterers Ass'n. on acoustical plasters with our discussion.
5. Surface hardness of Hi Lite Acoustical Plaster samples was markedly improved by carbonation. Recommendations were made to Gypsum for similar treatment of Sales samples.
6. Automotive Prep #79 was ineffective for removing rust from Audicote. because of a more prominent discoloration which appeared after "Automotive Prep" drill on surface of panel.

PLAINTIFF'S
EXHIBIT

USG 281