

LEAD INDUSTRIES ASSOCIATION

80 EAST 42ND STREET

NEW YORK 17, N. Y.

March 4, 1959

SUBJECT: SOUND ATTENUATION

To the Industry Development Committee
of the Lead Industries Association:

In the report of Skidmore, Owings and Merrill, on the Use of Lead in Building Construction, considerable emphasis was placed on the possibilities of lead as a sound deadening material for building partitions and other applications. Some supporting data was submitted in that report, supplied by Bolt Beranek and Newman Inc., probably the leading acoustical consultants in the United States.

Dr. Radtke subsequently has had several conversations with the latter firm about the possibilities of lead as an acoustical material and what kind of research would be necessary to develop such applications.

We have also learned that lead is actually being used by the Douglas Aircraft Company to reduce sound in the interiors of the cabins of their DC7 aircraft and will also be used to some extent in the DC8's.

Bolt Beranek and Newman recommended a preliminary study by them, to cost \$800.00, to determine whether a more detailed research program would be worthwhile and if so the nature of such a program. This proposal was presented to the Technical Steering Committee meeting held in San Francisco on February 20, 1959. The members of the Technical Steering Committee present unanimously approved the expenditure of \$800 from the Contingency Research Fund for the preliminary study proposed by Bolt Beranek and Newman Inc.

This approval was, of course, subject to the further approval of the expenditure by the Industry Development Committee.

To expedite matters we have cleared with each member of the Industry Development Committee who could be reached by telephone and all have concurred in the recommendation. We are, therefore, proceeding to make arrangements with Bolt Beranek and Newman Inc. to initiate this preliminary study at the earliest possible moment.

Very truly yours,

Robert L. Z...
Secretary.

