

REPORT OF
SOUND ABSORPTION TEST A 58-42
ON
BESTWALL LIGHT ACOUSTICAL PLASTER
FOR
BESTWALL GYPSUM COMPANY
February 18, 1958

submitted by
Riverbank Acoustical Laboratories
Geneva, Illinois

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SOUND ABSORPTION TEST A 58-42
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INTRODUCTION

The method used in making these measurements meets the requirements of the American Society for Testing Materials' Proposed Method of Test For Sound Absorption of Acoustical Materials in Reverberation Rooms. A description of the measurements is given separately.

DESCRIPTION OF MATERIAL

MATERIAL

THICKNESS

Bestwall Light Acoustical Plaster 1/2" Nominal thickness
Bestwall Light Acoustical Plaster
Machine applied

1/2" sanded Gypsum basecoat

3/8" Gypsum lath

3-3/4" air space

RESULTS OF TEST

<u>SURFACE</u>	<u>AREA TESTED</u>	<u>MOUNTING</u>	<u>COEFFICIENTS</u>						
			<u>125</u>	<u>250</u>	<u>500</u>	<u>1000</u>	<u>2000</u>	<u>4000</u>	<u>NRC</u>
Unpainted, textured	72 sq.ft.	4	.25	.27	.52	.69	.78	.88	.55

Respectfully submitted,

Ralph Huntley
Ralph Huntley, Supervisor
RIVERBANK ACOUSTICAL LABORATORIES
ARMOUR RESEARCH FOUNDATION
Geneva, Illinois

Donald A. Zedonis
Donald A. Zedonis
Research Assistant

ARMOUR RESEARCH FOUNDATION OF ILLINOIS INSTITUTE OF TECHNOLOGY

SGP 0019707

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Unpainted, textured	72 sq.ft.	4	.25	.27	.52	.69	.78	.88	.55	(.575) C.B.

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SGP 0019711

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