

REPORT OF TEST ON
DUSTING AND FLAKING TEST

OF

CAPCO BLAZE SHIELD

COLUMBIA ACOUSTICS & FIREPROOFING CO.



International Testing Laboratories, Inc.

578-582 MARKET STREET

NEWARK 3, N. J.

Test Report No. 250951

No. of Pages 2

Report of Test on

DUSTING AND FLAKING TEST

OF

CAFCO BLAZE-SHIELD

International Testing Laboratories, Inc.

NEWARK 5, NEW JERSEY

Date April 27, 1962.

	Prepared	Checked	Approved
By	M. Glenn Gaetz		D. N. Hoffman
Signed	<i>M. Glenn Gaetz</i>		<i>D. N. Hoffman</i>
Date	April 27, 1962		April 27, 1962.

SUBJECT : Dusting and Flaking Test of Cafco Blaze-Shield.

METHOD : A submitted sample of 16" by 4' plaster board coated on one side with a 1 inch coating of Cafco Blaze-Shield applied at a density of 11.9 lbs. per cubic foot, was mounted on a metal duct support as shown in Figure 1. A filter was placed at the blower end and collecting filter placed over the open end. The blower was started and allowed to run for a 1 hour shakedown to remove dust and flakes loosened by handling. At this time, impinging velocity and issuing velocity were checked with an anemometer.

Impinging Velocity : 800 ft. per min.
Issuing Velocity : 270 ft. per min.

After the shakedown, the collector filter was removed, cleaned, weighed and replaced. The blower was started and allowed to run for 24 hours. At the end of this period the collector filter was removed and weighed again. The increase in weight was 20 milligrams.

A control blank was then run by replacing the Cafco treated wall board with a plain wall board and going through the entire procedure again. There was no weighable blank.

RESULTS : At an air impinging velocity of 800 ft. per min. and issuing velocity of 270 ft. per min., the dust and flake collected at the issuing collector filter is calculated to be 1.2 grams per 1000 board ft. per 24 hours.

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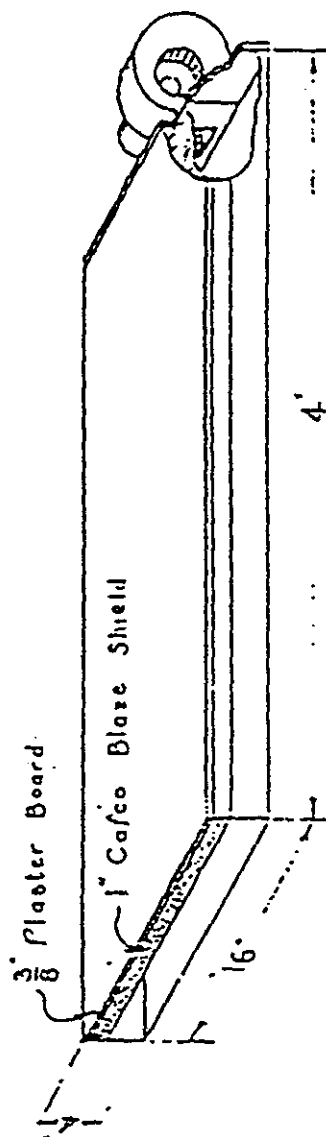


FIG. 1 TEST ASSEMBLY

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