



MINUTES  
of the  
DUCT SYSTEMS COMMITTEE MEETING

NATIONAL INSULATION MANUFACTURERS ASSOCIATION  
Washington, D.C. February 27, 1968.

The meeting was called to order at 9:00 A.M. with the following in attendance:

|                |                        |
|----------------|------------------------|
| C. E. Ernst    | Johns-Manville         |
| A. Farr        | Owens-Corning          |
| G. K. Hammond  | Owens-Corning          |
| R. E. Harmon   | PPG Industries         |
| W. T. Irwin    | PPG Industries         |
| J. E. Johnson  | Certain-Teed/St.Gobain |
| A. Kincaid     | Owens-Corning          |
| L. Lach        | Johns-Manville         |
| L. Mills       | Certain-Teed/St.Gobain |
| E. Myers       | Certain-Teed/St.Gobain |
| R. E. Naylor   | Johns-Manville         |
| R. P. Rorick   | Owens-Corning          |
| W. B. Silk     | Johns-Manville         |
| A. Walsh       | Wathen/Walsh           |
| J. M. Barnhart | NIMA                   |

SMACNA MANUAL

The meeting of February 26, 1968, with the SMACNA Fibrous Glass Duct Committee was reviewed.

It was agreed to pay half the costs with SMACNA (up to \$3,000.00) to co-sponsor a reception at the SMACNA Annual Meeting.

It was agreed that the SMACNA Manual would be distributed by NIMA. Lists from the manufacturers (2,500 each max.) to include contractors, engineers, code authorities, government agencies, and fire marshalls, are to be sent to the NIMA Office prior to April 15, 1968. The cost of the manuals including mailing, etc., is to be billed to the 4 companies.

ASHRAE EXHIBITION

It was agreed that the NIMA Booth would be displayed at the ASHRAE Exposition on January 27 - 30, 1969.

ASHRAE GUIDE

It was agreed to allow SMACNA to present the Fibrous Glass Duct Manual to ASHRAE for acceptance for use in the ASHRAE Guide.

### 1968 PUBLICITY

Ambrose Walsh of Wathen/Walsh reviewed the 1967 Duct Systems Publicity Program.

After detailed discussion it was agreed that the 1968 Publicity Program would be articles on the acceptance of the duct systems and would be directed to (a) management, (b) contractor, (c) union, and (d) code authorities.

It was agreed that the supplement that was to be written up by Wathen/Walsh for use as an addenda to the Kettering Report should be dropped.

### FEDERAL SPECIFICATION

W. T. Irwin is to redraft the specification and submit it to the Committee for comment.

### FRICTION FACTOR CHART

C. E. Ernst is to submit copies to the Committee for comment prior to March 1, 1968.

### BOCA CODE

J. E. Johnson is to redraft the proposal and submit it to the Committee for comment.

### REINFORCEMENTS

After extensive discussion, it was agreed that each manufacturer was to supply 1" thick HD and SD board with bending moments as close to the minimum of 3.9 and 7.8 in.lb./in. width as possible for test. Prior to testing, the pertinent physical properties of the board will be sent to Professor K. G. Hornung to fit into the theory.

### OTHER BUSINESS

1. A meeting is scheduled for March 13, 1968, The Summit Hotel, New York, N.Y., with the Health & Safety Committee to discuss the health aspects of fibrous glass as they relate to duct liner and duct systems.
2. A meeting is scheduled for April 19, 1968, The Summit Hotel, New York, N. Y., to develop a specification, including application for duct liners.
3. It was agreed that NIMA should renew their membership in SBCC.

4. It was agreed that the cost of the calorimeter test on the material that was pretested at FM on February 14, 1968, should be borne by the Duct Systems Committee.

ADJOURNMENT

There being no further business, the meeting was adjourned.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "J. M. Barnhart", with a horizontal line extending from the end of the signature.

J. M. Barnhart