

MINUTES
of the
TECHNICAL & RESEARCH COMMITTEE MEETING
NATIONAL INSULATION MANUFACTURERS ASSOCIATION
Washington, D. C. February 21, 1963
Rock & Slag Section Glass Section

The meeting was called to order with the following in attendance:

T. S. Clousing	M. H. Detrick Company
W. Gubar	Gustin-Bacon Mfg. Company
C. E. Ernst	Johns-Manville Sales Corp.
S. Heard	Owens-Corning Fiberglas Corp.
W. Skavish	Pittsburgh Plate Glass Co.
K. M. Ritchie	Baldwin-Ehret-Hill, Inc.

PROPOSED FEDERAL SPECIFICATIONS FOR

"Insulation, Thermal, Mineral Fiber (For Low Temperatures)"

"Insulation, Thermal, Mineral Fiber (For Elevated Temperatures)"

Drafts of each, dated October 6, 1962 were sent to R. E. Lyons of General Services Administration by J. M. Barnhart with a letter dated January 23, 1963. No changes for further revision were received by the Sections and none were proposed at this meeting.

PROPOSED FEDERAL SPECIFICATION FOR "INSULATION; FELT, THERMAL AND ACOUSTICAL, MINERAL FIBER (FOR LOW & ELEVATED TEMPERATURES)"

The draft dated February 14, 1963 prepared by Mr. Ernst was discussed in detail and many changes proposed which will be incorporated in a new draft by Mr. Ernst. The following points were among the changes discussed.

Change title to include the words "Duct Lining Materials".

NRC-values are to be included with sound absorption coefficients.

Standard widths to be revised after checking with Owens-Corning.

One-half inch thickness to be added to Type I list of sizes.

STANDARD FACINGS

It was agreed that deciding on a standard list of facings was not a Technical Committee function and specification on this should be referred to the Board of Directors.

For classification purposes, it was agreed that facings could be listed as belonging to one of four types, namely, Foils, Plastic Films, Laminates and Fabrics.

Sheet metal, including aluminum (.016" thick and similar) and roofing felt jackets, were not included in the four types listed.

A long list of characteristics and physical properties, for which test procedures and performance standards may be selected, was discussed at length. Mr. Gubar is assembling data from the manufacturers of facing materials concerning these characteristics.

K-VALUES, ASHRAE GUIDE

The list of suggested values dated October 6, 1962 sent out for comment by J. M. Barnhart under date of October 29, 1962 was discussed. In view of objections raised to the values for High Temperature Inorganic Bonded Mineral Fiber Insulating Block, it was agreed that curves showing maximum and minimum values from a number of actual tests should be circulated from which new suggestions for suitable design values may be obtained.

It was emphasized that all values should be again reviewed before the approaching deadline for data for the 1965 Guide (probably about October 1963).

REVISIONS TO ASTM SPECIFICATIONS C-262, C-263, C-280

Negative ballots and comments resulting from the C-16 letter ballot were reviewed and found to require no specific action by NIMA. All were either of an editorial nature or suggestions that specifications be combined, an action already initiated by Mr. Barnhart.

NIMA STANDARDS

The material circulated under date of December 3, 1962 was discussed but no additions or changes were offered. However, it was suggested that further study of the idea of philosophy as to why a standard should be issued and what was to be included in it could well be studied further and specific recommendations made.

PRODUCT IDENTIFICATION

This product concerned the Glass Section only. It was agreed that a workable system for identifying glass fiber blanket products has already been presented to the Board of Directors covering the basic materials.

The suggestion was added that coated blanket should be additionally marked on the coated face, the marking to include the density, manufacturers' identification, and any other needed marking such as type of coating. This is now standard with one manufacturer.

MILITARY SPECIFICATION MIL-C-2861A (INSULATING CEMENT)

This revised specification (July 5, 1962) was issued without industry consultation and includes changes in the method of determining water-cement ratio. It was reported by one committee member that these changes make it impossible for previously-approved cements to meet the physical property requirements.

It was agreed to request other members to check this report, and if found correct, to request the necessary changes in the specifications. It was pointed out that the physical property requirements are the same as in the older version of the specification, so that cements acceptable under it should be equally acceptable in the revised edition

OTHER BUSINESS

It was reported that a draft of a revision to Federal Specification HH-I-00500 (on Insulating Cements - all types) was very recently issued to manufacturers for comments. This concerns cements of the following kinds: 85% Magnesia, Diatomaceous Earth, Mineral Wool (2 types), Vermiculite and Asbestos. All manufacturers are urged to study and submit comments to Mr. Barnhart for consolidation prior to April 1st to meet the Government deadline of April 18, 1963.

Recently proposed drafts of ASTM specifications where two have been combined into one were briefly discussed. Committee members were requested to send in detailed comments as soon as possible.

Respectfully submitted
K. M. Ritchie