

August 25, 1961

Mr. R. G. Swisslak
W. H. Markham & Co.
506 Olive Street
St. Louis 1, Missouri

Dear Dick:

MONSANTO CHEMICAL COMPANY
CHOCOLATE BAYOU, TEXAS

INSULATION AND FIREPROOFING
SPECIFICATIONS

This letter is being written to supplement mine of July 21 addressed to you on this same subject. We understand from Ray Green that the proposed protection for the polyurethane cold insulation will provide protection for 40 minutes against an external temperature of 1400° F. By inspection of the standard time temperature curve it looks as though this would be equivalent to about 45 minutes under that set of conditions.

Although we had initially asked to be shown that the insulation would stand 1400° F for one hour without damage to the polyurethane, we are willing to accept the proposal that will give us 40 minutes. However, we do want to see some test results that will assure us that the 40 minute figure is not just a figment of some salesman's imagination. What we would like is of course to have a test panel made up and submitted to U.L., or some other nationally recognized testing laboratory.

Presumably Monsanto will try to prevail upon Union Asbestos to arrange for the test. If they do so I would appreciate it if you would ask Union Asbestos to get in touch with our Mr. Roger Russell prior to arranging the test because this will be somewhat different from the usual laboratory procedure in that we are interested in the condition of one of the internal components of the panel rather than the overall condition of the panel as a whole. This may require some special joint consideration of test procedure between laboratories and the F.I.A.

We regard this matter of some sort of laboratory test on the insulation as of considerable importance. Consequently, I would appreciate it if you would let me know if there seems to be any hesitancy about arranging for such a test.

Sincerely, C 002892
W. H. Doyle, Chemical Engineer

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