

INTER-OFFICE MEMORANDUM

To: F. M. Stumpf
From: J. F. O'Rourke

Date: November 29, 1961

Subject: ADDITIONAL TECHNICAL TESTS REQUIRED BY RESEARCH

PLAINTIFF'S
EXHIBIT

USM-193

Within the next few months, the National Bank Building of Cincinnati, Ohio will be out for bids. This job involves a Robertson Q air floor and CAFCO is one of the products specified.

So that we may have the necessary information as well as perhaps obtain a competitive edge for this project as well as future projects involving Q air floors, it is imperative that a test be run by some independent laboratory evaluating the performance of CAFCO BLAZE-SHIELD as a thermal insulating and condensation control medium when applied to the undersurface of the Q air cell. As noted from prior correspondence, H. H. Robertson Company is interested in such a test. As evidenced from the Continental Casualty job which we lost to Spraycraft in Chicago, such a test would have been of immeasurable assistance in clarifying the architect's insistence upon a vapor barrier application to the undersurface of the fiber applied to the Q air floor on that specific project.

Such a test on an air cell will be of help to us on the bank building job in Cincinnati when it is finally negotiated. It is felt that such a test is needed for future Q air floor projects that may spring up. What is needed is a test conducted by an independent laboratory which will:

1. Recommend a minimum thickness of CAFCO which could be applied to provide adequate thermal insulation of the air cell when operating under normal air condition office temperature-humidity conditions.
2. If CAFCO BLAZE-SHIELD could withstand some element of condensation under adverse conditions without the necessity of vapor barrier treatment.

Another test that is needed to be run by an independent laboratory is a dusting and flaking resistance test. As you know, Spraycraft has run such a test with a questionable independent laboratory wherein the recommendations were that Spraycraft material could resist dusting and flaking even when a sealer is not applied. This is a most damaging test as far as we are concerned. If for no other reason than to counteract this fluke competitive test advantage, we've got to run a dusting and flaking test at an outside laboratory that will make sense to an architect who is considering its use for a plenum area being used for air supply or return.

May I have your comments on the above as well as when and where you expect to have such tests conducted.

JFO/pc

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