

INTER-OFFICE CORRESPONDENCE



TO	SUBJECT	FROM-DATE
Glen Prible	Insulating Cement Types	P. E. Jones May 15, 1972

Insulating cements required product line can be covered by two different types of products, namely

- 1) Thermal insulating cement (no cement) and *SUPER STICTITE 711*
- 2) thermal insulating finish cement (has cement). *UTILITY F.*

The thermal insulating cement mainly has two specifications to meet, which are ASTM C-195 and Mil-C-2861-D. The key requirements are:

- 1) Covering capacity wet of 50 bd. ft. per 100 lbs. of dry material
- 2) Drying volume shrinkage of less than 20 percent
- 3) Shrinkage at 1800° F. less than 3% and density of less than 30 lbs. per cubic foot.

There are other required properties such as thermal conductivity, dry adhesion to steel, mechanical stability, compressive strength and corrosion effect on steel. Super Stictite was qualified for Mil-C-2861-D and Stictite was not, as it mainly failed dry volume shrinkage and mechanical stability tests. The main reason Super Stictite has been used was it is much smoother to feel and jobs requiring workers to use their hands in the material, this material was supplied as we usually received complaints with Stictite when used this way. *This due to fiber diameter difference.*

Thermal insulating finish cement has only ASTM C-449 specification to meet. Utility finish cement meets this specification.

Copies of these specs. are here ^{at PK} if you wish copies.

Very truly yours,

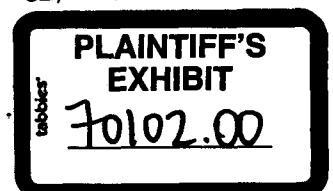
A handwritten signature in cursive script, appearing to read 'P. E. Jones'.

P. E. Jones

PEJ/fw

CE/HI (F) 32908

CE0102771





INTER-OFFICE CORRESPONDENCE

5/22/72 Xerox to: W. P. Coon

TO	SUBJECT	FROM-DATE
F. Steimke	Insulating Cements	Glen V. Prible May 18, 1972

CC: R. Hegeman
W. Bennett
G. Andrews
T. West
L. Jacobs

Dear Frank:

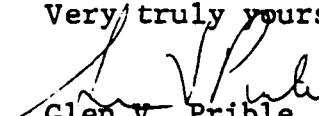
After our discussion Monday morning in regard to dropping and retaining certain insulating cements and finishes, I have discussed with Paul Jones the requirements for insulating cements and difference in their properties. Paul has summarized the requirements and some of the properties in his letter to me of May 15, 1972, copy attached. In summary, Super Stictite and 711 theoretically meet the requirements of the A.S.T.M. and the Mil specifications. Stictite does not meet this requirement.

It is engineering's recommendation that the insulating cements and finishes to retain are as follows:

Super Stictite
711
Utility Finish

All other manufactured insulating cements and finished should be irrevocably discontinued. Thank you.

Very truly yours,


Glen V. Prible

GVP/fw

P.S.--Total sales for 1972, first four Accounting Periods:

Super Stictite	116 tons
Stictite	78 tons
Utility Finish	56 tons
711	94 tons
Others	0

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