April 22, 1969
R. M. Spec. No. 13
Supersedes R.M. Spec. No. 13
Dated 12/4/69

PLAINTIFF'S EXHIBIT
GP-1687

GROUND LIMESTONE

DESCRIPTION - White colored pulverized limestone.

USE - Ingredient in joint system products.

SOURCES -

Thompson & Weinman Co.
Gantts Junction, Alabama
OW 3910 Ground Limestone (Acme Plant)

-/ Calcium Carbonate Co.
Carthage, Missouri (Acme Plant)

-/ Georgia Marble
Tate, Georgia (Marietta Plant)

Thompson & Weinman Co.
New York, New York (Akron Plant)

Calcium Carbonate Co..
Quincy, Illinois (Chicago Plant)

SPECIFICATIONS -

Color - White - equal to standard #9 -#11.

Fineness	Maximum	Minimum	Average
Thru 50 Mesh	100%	100%	100%
Thru 100 Mesh	100%	100%	100%
Thru 200 Mesh	100%	95%	98.5%
Thru 325 Mesh	95%	85%	90%

Method of Testing - 50 gram sample washed thru 325 mesh screen until wash water is clear. Residue on screen dried and when dry, screened on Ro-Tap for 15 minutes using 50, 100, 200, and 325 mesh screens.

Water Carrying	Maximum	Minimum	Average
Water to T. C.	35 cc	28 cc	32 cc

Alkalinity - Weigh out 20 grams of pigment in a clean 600 ml. beaker. Add 400 mls. of freshly distilled water to the beaker and rapidly stir with a small power stirrer for 10 minutes. Allow the slurry to stand for 20 minutes and determine the pH of the supernatant liquid using the pH meter.

pH Spec. 9.0 min.
9.5 max.

Sampling - Each plant shall take and test two representative samples from each hopper car compartment. One of these samples shall be taken from the top of the hopper compartment and the other sample shall be taken from the first few hundred pounds to move from the outlet. These shall be tested for color,

Sampling (Con't.) - fineness, water carrying, and alkalinity. If the shipment does not meet the specifications, a laboratory batch of Joint System Cement shall be made and tested. If this cement is off-standard and complaints may be anticipated, the limestone shall not be used. A sample of the limestone shall then be sent to the Tigard Laboratory with full particulars.

EDO:kkt