



UNDERWRITERS' LABORATORIES, INC.

770104

an independent testing organization testing for public safety

October 28, 1970

PLAINTIFF'S
EXHIBIT
WRG-577a

Life Construction Products Division
Grace Company
600 Baltimore Avenue
Boston, Massachusetts 02100

Attention: Mr. J. Felt

Gentlemen:

The following will confirm the results of our full-scale UL263 (ASTM E119) fire testing, the to-date results of additional small-scale fire tests, and our engineering analysis to date; namely, that the cementitious mixture (formulated without asbestos) and identified as Mono Kote IV possesses thermal and heat resistance properties equal to those of Mono Kote III and is eligible to bear the label of Underwriters' Laboratories with the following Fire Resistance Classifications:

Floor and Ceiling Design Nos. 10-4 Hr, 10-4 Hr, 17-3 Hr, 28-3 Hr, 72-3 Hr, 80-3 Hr, 227-3 Hr, 17-2 Hr, 49-2 Hr, 90-2 Hr, 227-2 Hr, 294-2 Hr, and 28-1-1/2 Hr.

Roof and Ceiling Design Nos. R07-2 Hr, R010-2 Hr, R05-1-1/2 Hr, and R010-1 Hr.

Beam Protection Design Nos. 40-4 Hr, 216-3 Hr, and 239-2 Hr.

Column Design Nos. 15-4 Hr, 27-4 Hr, 37-4 Hr, 46-4 Hr, 17-3 Hr, 23-3 Hr, 32-3 Hr, 37-3 Hr, 7-2 Hr, and 22-2 Hr

Confirming the UL723 (ASTM E84) fire hazard results, the existing Fire Hazard Classification of 10 - flame spread, 5 - fuel contributed, and zero smoke developed remains unchanged for this new material.

Very truly yours,

Robert M. Benning
ROBERT M. BENNING
Project Engineer
Fire Protection Department

RM:jb

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