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UNDERWRITERS' LABORATORIES, INC.
333 PFINGSTEN ROAD · NORTHBROOK, ILLINOIS 60062

an independent, not-for-profit organization testing for public safety

October 28, 1970

R4339

Zonolite Construction Products Division
W. R. Grace Company
62 Whittemore Avenue
Cambridge, Massachusetts 02140

Attention: Mr. T. Feit

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 a label of Underwriters' Laboratories with the following Fire Resistance Classifications:

Floor and Ceiling Design Nos. 10-4 Hr, 19-4 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. RC7-2 Hr, RC10-2 Hr, RC5-1-1/2 Hr, and RC10-1 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. Berhinig

ROBERT M. BERHINIG
Project Engineer
Fire Protection Department

RMB:jb

PLAINTIFF'S EXHIBIT 286
ALL-STATE LEGAL SUPPLY CO.