FILE NAME: WR Grace (WRG)

DATE: October, 1972

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FIREPROOFING BULLETIN

7001-159

SUBJECT: ZONOLITE ANNOUNCES MONOKOTE® 5
THE IMPROVED ASBESTOS-FREE PLASTER-TYPE
FIREPROOFING MATERIAL

DATE: October, 1972

Over the past few years, massive changes have taken place in direct-applied fireproofing:

(1) The industry has become much more concerned with the quality of fireproofing. Architects, code officials, public agencies, and insurance underwriters have all become conscious of the importance of using products that provide assured protection to structures.

PLAINTIFF'S EXHIBIT 335
ALL-STATE LEGAL SUPPLY CO.

(2) There have been a large number of new designs for floor and structural systems. Many of these new designs require fireproofing performance more demanding than in the past.

(3) With the new ASTM E-119 criteria, new standards for fireproofing have been established that provide for increased fire protection.

(4) With the recent concern about asbestos as a potential health hazard, legislation in certain areas has prohibited the use of asbestos as an ingredient in many products, including fireproofing materials.

MONOKOTE is a gypsum-vermiculite mix, applied as a plaster mortar. Therefore, airborne particles of any kind are of no real concern, unlike, for example, the emissions generated by the spraying of dry-type fibrous fireproofing materials.

However, when certain cities became concerned with airborne asbestos particles, they unfortunately did not differentiate between MONOKOTE and other fireproofing products. The result was a total ban on all materials which contained asbestos, regardless of the air contamination problem that any particular product might pose. Thus, MONOKOTE 3 was banned in certain cities, along with a host of other materials. This necessitated the development of an asbestos-free material, which we marketed as MONOKOTE 4.

Our research work continued, however. We recognized that simply developing a material which contained no asbestos was not enough. With the industry's increasing demand for improved fire protection and with the design of new and more critical construction systems, a material exceeding even the outstanding performance of MONOKOTE 3 and MONOKOTE 4 was needed.

EXH. 131 DATE 6-26-86
WITNESS
Susan Cannon
Court Reporter

W. R. GRACE & CO.
GRACE
ZONOLITE
CONSTRUCTION PRODUCTS DIVISION

The result of 3 years of extensive research is the new asbestos-free Zonolite MONOKOTE 5. MONOKOTE 5 is a material which meets standards and requirements for fireproofing throughout the country. Fire tests at Underwriters' Laboratories have proven that MONOKOTE 5 will provide fire protection for virtually all of the new critical construction designs in use today, and as best we can forecast, the designs coming in the future.

SUBJECT: ZONOLITE ANNOUNCES NON-ASBESTOS THE IMPROVED ASBESTOS-FREE PLASTER-TYPE FIREPROOFING MATERIAL

In addition to the Underwriters' Laboratories tests, we have conducted numerous field tests with MONOKOTE 5 and find this new material has even better job-site application performance than does MONOKOTE 4.

Over the past few years massive changes have taken place in direct-applied fireproofing [illegible]

(1) The industry has become much more concerned with the [illegible] of fireproofing [illegible]

Insurance underwriters have become [illegible]

Therefore, Zonolite MONOKOTE 5 makes it possible for W.R. Grace & Co. to remain a leader in supplying the construction industry with a fireproofing product that permits owners to gain assured fire protection under all conditions and in all designs.

(2) There have been a large number of new design structural systems. Many of these new design features [illegible] the performance more demanding than [illegible]

Thomas P. Feit

(3) With the new ASTM E-119 criteria, new standards [illegible] have been established that provide for increased [illegible]

Thomas P. Feit - Manager
Fire Protection Products

legislation in certain areas has prohibited the use of asbestos [illegible] ingredient in many products, including fireproofing [illegible]

MONOKOTE is a gypsum-vermiculite mix applied as a plaster mat[illegible] particles of any kind are of no real concern [illegible] for example, the [illegible] the spraying of asbestos [illegible]

However, [illegible] unfortunately did not differentiate between MONOKOTE and other [illegible] asbestos-type materials which were marketed [illegible]

Our research work continues. However, we recognize [illegible] contained no asbestos was not enough. With the industry's increasing [illegible] fire protection [illegible] and more critical [illegible] [illegible]

PLAINTIFF'S EXHIBIT

W. R. GRACE & CO.

GRACE

ZONOLITE

CONSTRUCTION PRODUCTS DIVISION

SUBJECT: