OWENS-CORNING FIBERGLAS CORPORATION

INTRA-COMPANY CORRESPONDENCE

General Offices - Toledo, Ohio(1)

December 10, 1943

Attention of Mr. E. C. Ames - Toledo ✓

Subject REFERENCE TO ASBESTOS-FIBERGLAS COMBINATIONS IN ANSWERS TO POST-WAR QUESTIONNAIRE OF SEPT. 16

CC: Mr. G. E. Gregory - Toledo

Boston - Electrical

Under improvements to existing Fiberglas products magnet wire includes:

> " Perhaps a combination of Fiberglas and asbestos would be more satisfactory, although Collyer Insulated Wire and Cable are well satisfied with our sliver."

Buffalo - Electrical

Under new Fiberglas products:

> "For design engineers who are die-hards and refrain from using Fiberglas because of real and imagined difficulties of impregnation and abrasion, I suggest a more complete development of Fiberglas-asbestos products to augment our present all glass materials. Contrary to the belief of some, I do not see a tremendous future for Glasbestos in the electrical field although it will have its applications and will pay its way. In my opinion its potential lies in the fabrics field."

New York - Electrical

Under new Fiberglas products:

> "I believe our Fiberglas line pretty well rounded out in the electrical field, so far as glass alone is concerned, but what we have need of is a thing we are getting and that is Fiberglas and asbestos combinations which will extend the use of glass in the electrical field and give us a more properly rounded out line.
>
> "The addition of this new product to our post-war line will take away nothing from Fiberglas, but will add volume in new products of singular characteristics. I expect big things of this combination and let no one think that it is going to detract from all glass volume in the electrical field, for it will not. Glass will only be used where, from the standpoint of design, economies and service experience it is indicated that it should be used. A combination of materials of any kind will be used if, from the standpoint of design and/or economy it is indicated that that particular combination should be used. We are in the throes now of working out specifications, sizes, etc. on this material. This will develop as we pursue it."

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Boston-Fabrics

Under new products:

> " A combination textile of Fiberglas, asbestos, or other yarns might have a market where very high strengths are required, such as the manufacture of rayon buckets."

Cleveland - Fabrics

A comment is added to the answers:

> "Further, the rubber textile technicians should be encouraged to develop combined yarn (glass and asbestos, etc.) to facilitate their use in that industry.

New York - Fabrics

What competitive products now serve this market with Fiberglas:

> "In the fabrics field, the principal qualities Fiberglas offers are a completely inorganic, fire-proof material, used singly or in combinations with asbestos, great strength, non-stretch, etc.

The share of the total market obtained by Fiberglas:

> "The overall market for fabrics of a kind such as Fiberglas and/or asbestos and glass combinations are so vast that Fiberglas today has not made a sufficiently large dent to be recorded in the way of a percentage. We have done nothing, but can and will do much."

Pittsburgh - Fabrics

New Products needed:

> "In our estimates we have indicated a small amount of business from Glasbestos. This is predicted upon the asumption that the proper Glasbestos fabric will be developed that will work satisfactorily in the fume filteration field."

New York - Shipbuilding

New Fiberglas products:

> "We should have, and can have product of Fiberglas and asbestos board for use as bulkhead and partition material aboard ships. Design of this product, reports covering it, the solution to the screw holding problem have all been previously reported and it only remains for us to go before the Maritime Commission and the Bureau of Ships with a satisfactorily tested product and request approval, after which we can sell it.
>
> "This volume would be every bit comparable to our present board volume aboard ships but would exceed it because the same product would be used in buildings and structures on land - now and in the post-war period.

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"We are working closely with Company of Mastercraftsmen, a suosidery of the Ship Joiners and Outfitters, W & J Sloane, and also with the Celotex Corporation, who now have a Cemesto board which consists of Celotex between two sheets of asbestos board, in the interest of obtaining such a Fiberglas and asbestos board. I believe a satisfactory product can be made by Celotex Corp. by placing our 9# Fiberglas Board between two sheets of asbestos. I have a program planned with Celotex on this in the East and shortly after this report is received by Toledo, I will have production sample in your hands."

Frederick Heath, Jr.
Commercial Development

FH,jr/FH

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