

FILE NAME: Owens-Corning (OC)

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RE SHANNON
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Intra-company correspondence

to J. H. Thomas - Toledo 27

from L. W. Saxby - Toledo 23

date January 31, 1972

subject

cc: W. W. Boeschstein - 27
C. E. Peck - 25

Confirming our conversation of last Thursday, here is a brief status report on high temperature insulation as you requested.

Immediate development of an asbestos-free high temperature insulation is a top priority program for the Construction Group and the Mechanical Products Division due to --

- 1) Accelerating trend by owners and engineers to issue insulation specifications excluding products containing asbestos.
- 2) New Proposed Federal Standards issued under the Occupational Safety and Health Act which will, in all probability, significantly increase the installed cost of all products containing asbestos.

In my judgment this development work must be completed in time to introduce a new asbestos-free product by January 1, 1973. Currently we are pursuing three different programs to solve this problem as follows:

- 1) We are continuing, on a priority basis, our development of a completely new and improved high temperature product (HTIS). At this time we are conducting trials at Thermo-Kenetics in Greenville, S.C. on prototype equipment which utilizes an extrusion process. This is the preferred product based upon preliminary physical and thermal test data and gross margin projections.
- 2) Dick Shannon is currently evaluating all asbestos-free calcium silicate products now on the market in an attempt to find a combination of fibers that will produce a satisfactory asbestos-free Kaylo product utilizing our pan pour process manufacturing equipment in Berlin.
- 3) J-M has verbally offered to license our new asbestos-free process. They apparently want something from OCF in return, but we do not know what that something is at the moment. The J-M development apparently uses glass fibers for reinforcement but they do not believe that their process will work in our pan pour of

We introduced in November a " " product called Glaslag to be used where mineral wool pipe insulation has been specified. This product consists of strips of IS Board turned on end and adhered to an aluminum jacket. It is recommended for operating temperatures up to 800° F.

LWS/jb

See: J. P. Kern

~~Dr. O. Richards~~