

cc: V. J. Labrecque
J. A. Johnson

March 18, 1969

File

To: S. M. Lillis

From: C. I. Hayden

SUBJECT: ASBESTOS - Millboard
SMITH & KANZLER

RE: Use of Calendered Board

We have examined the applications for uncalendered asbestos millboard and find that we can use a calendered board of the same basis weight as replacement. There are some problem areas which will need resolution, but these do not appear to be difficult. The lowest basis weight we use is 4.7 to 5.9 grams/sq.dcm. The highest weight we currently use is 27.8 to 30.2 grams/sq.dcm. Due to Smith & Kanzler machine limitations, a laminated sheet will be needed for the higher weights.

We are currently examining samples of the most recent run of millboard from Smith & Kanzler. If these tests show adequate physical properties as compared to our #70 millboard, then action will be initiated for another experimental trial. This trial will aim to produce the following materials:

1. Basis weight 4.9 to 5.9 grams/sq.dcm.
2. Basis weight 10.5 to 11.6 grams/sq.dcm.
3. Establish maximum basis weight which can be produced without lamination.
4. Produce one coil of laminated stock - probable basis weight to be 25.4 to 27.4 grams/sq.dcm.

In order to achieve parallel materials when comparing gaskets made with our millboard compared to Smith & Kanzler, some basic points must be considered.

1. Considering the only basis weight for which we have Smith & Kanzler experience, we find a large gauge difference when compared to our current board.

<u>Smith & Kanzler Gauge</u>	<u>Victor Calender</u>	<u>Victor Uncalendered</u>
.045"/.050"	.055"/.060"	.065"/.070"

VPD-153-0002540