

CHICAGO, ILLINOIS

RECEIVED, JANUARY 11, 1958



January 13, 1958

Chief, Bureau of Ships
(Purchase Specifications and
Standards Section, Code 357)
Department of the Navy
Washington 25, D. C.

Re: 16/011-1-2015(311)13
(FSC-1000)
Ser 217-2112

Dear Sir:

With reference to your letter 5 November, 1957 with attachments.

Class 3 material has an allowed density of 27 p.c.f. This specification is probably written for materials known as diatomaceous earth or as heavy mineral wool block.

We have been conscious of the desirability of low weight on ship installation and have a material which weighs only 13 p.c.f. It meets the requirements for hardness, which we feel is of secondary importance.

Therefore, we request that a material which has the properties of Class 3, a density below 13 p.c.f. may use the hardness requirement of Class 2.

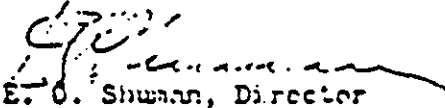
As a matter of interest, the shrinkage is considerably below the values given in Table I.

We are concerned over the interpretation of the new sampling plan which will increase costs appreciably because the definition of a lot is limited to a given class, thickness, width and length and, therefore, the test samples withdrawn will be a large portion of a given order. For example, 5 test pieces from 40 of a given size would mean that 45 pieces would be furnished at the price of 40 pieces.

We also ask why the ACL is dropped to 2.5 for block when it is 3.5 for pipe insulation.

Thank you kindly for giving us an opportunity to discuss the proposed revision.

Yours very truly,


E. O. Shuman, Director
Research & Engineering
KAYLO DIVISION

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cc: Mr. R. R. Beck
Mr. L. R. Finn
Mr. L. T. Williams
Mr. A. E. Feneid