

F. E. SCHUNDLER & CO., INC.

PRODUCERS AND MANUFACTURERS

204 RAILROAD STREET

JOLIET, ILLINOIS

PLANTIFF'S EXHIBIT
WRG-1551

August 8, 1940

Navy Department
Bureau of Ships
Washington, D. C.

JF32(6-29-38)

Gentlemen:

In reply to your letter of July 8, we would appreciate your advising us that as in formula

$C \times (100 - V. S.)$ equals work factor,

100 as shown should not be 1.00. We would appreciate your advising us on this point.

As requested in your letter we are returning herewith our previous certificate of approval for cancellation.

Yours very truly,

F. E. SCHUNDLER & CO., INC.

By

R. E. Sprague

RES:ME
Enc.

NON METALLIC MINERALS

HEAT INSULATION MATERIALS

000104

E. T. J.



CERTIFICATE OF APPROVAL

SERIAL NO. ENG/L-2 1582

IDENTIFICATION

Material **CERK, INSULATING, HIGH TEMPERATURE**
Governing Navy Department Specifications **32-C-14, TYPE C**
Trade name (brand) **SCHWINDLER VERMICULITE**
Manufacturer **F E SCHWINDLER & CO INC.**
Address **JOLIET, ILLINOIS**

HISTORY OF QUALIFICATION TESTS

Manufacturer's application for tests, letter 19 April 1937
Authorization of tests, Bu. letter No. JJ32/L5-(4-19-Ds) of 25 May 1937
Tests conducted at **ENGINEERING EXPERIMENT STATION**
Tests started 27 September 1937 Tests completed 7 August 1938
Test results covered by Laboratory Report No. 9377 of 9 November 1938
Reported to manufacturer under Bu. letter JJ32/L5-(11-9-Ds) of 23 November 1938

ACTION

APPROVED- Retained on Acceptable List of Approved Materials

REMARKS

Brand name changed from **EXOLITE** to **SCHWINDLER VERMICULITE**
as requested by Exhibitor's letter of 15 December 1936 (Bu.
File JJ32/L5(11-9)).

SUPERSIDES AND CANCELS CERTIFICATE ENG/L5-1582 issued 23 November 1938.
NAVY DESIGNATION

The Navy designation assigned to this material is **SCHWINDLER VERMICULITE**

CONDITIONS OF APPROVAL

This approval is granted under the conditions stated on the reverse side.

Approved: 
Chief of Bureau of Engineering

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CONDITIONS OF APPROVAL

Certain materials and equipment are approved for naval use as a result of specified qualification tests. Where such approvals are granted the manufacturer is furnished with this serially numbered "Certificate of Approval" to identify the material or equipment thus approved. There are certain conditions attached to such approvals which are outlined hereunder.

TRADE NAMES

The trade name or brand is shown herein for the convenience of the manufacturer. However, it may be desirable to use some other designation. In many cases some slight modification in the material or equipment is necessary to adapt it to naval shipboard conditions; in such cases, the trade name previously applied is no longer descriptive of the product eventually approved. In other cases a trade name may cover more than one quality, grade, or type, and a disagreement may arise as to the identity of the material or article approved. In still other cases, the trade name is ill chosen in that it is descriptive of uses of wider scope than that for which it is approved in the naval service, or of narrower use than that for which it has been found suitable. These trade names may serve their purpose in commerce, but may result in confusion when applied to naval use. Such confusion will be obviated by the use of the "Navy Designation" for the material in question in official correspondence and proposals.

NAVY DESIGNATION

The "Navy Designation" shown on the "Certificate of Approval", whether a serial number or trade name, symbolizes the material or article approved. The complete history of the transaction is covered in the reference. The Bureau's approval covers all the characteristics inherent in the sample, subjected to the specified qualification tests. The "Navy Designation" will be used by the Bureau in its reference to the material and it will facilitate matters if the manufacturer will use the same designation when referring to a material having the characteristics shown.

PROPOSED CHANGES IN MATERIAL

Any changes in the characteristics of the approved material should be brought to the immediate attention of the Bureau. Tests to determine suitability of the modified material for naval service may be made to this material and it will facilitate matters if there will await the results of such tests. Unannounced changes in the characteristics of the approved material, or an effort to deliver substitute material under Navy contract, may result in the revocation of this approval.

NAVY SPECIFICATIONS

This approval is based upon material in strict accordance with the governing Navy Department specification, and nothing in connection with this approval shall be construed as a waiver of any part of the governing specifications.

CONFIDENTIAL NATURE

This approval, and all test data in connection therewith, is held in strictest confidence between the Bureau and the manufacturer concerned. Any use of it by the manufacturer or his agent for advertising purposes may result in the revocation of this approval and a request for the return of the serially numbered "Certificate of Approval."

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