

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 2066

PURE EXPANDED CORKBOARD

DETERMINATION OF MOISTURE CONTENT

1st EDITION

May 1971

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 2066, *Pure expanded corkboard – Determination of moisture content*, was drawn up by Technical Committee ISO/TC 87, *Cork*, the Secretariat of which is held by the Repartição de Normalização (IGPAI).

Work on this question led to the adoption of Draft ISO Recommendation No. 2066, which was circulated to all the ISO Member Bodies for enquiry in June 1970. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Bulgaria	Iran	Spain
Czechoslovakia	Italy	U.A.R.
France	Portugal	United Kingdom
Greece	South Africa, Rep. of	

No Member Body opposed the approval of the Draft.

This Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided to accept it as an ISO RECOMMENDATION.

PURE EXPANDED CORKBOARD

DETERMINATION OF MOISTURE CONTENT

1. SCOPE

This ISO Recommendation specifies the method of determination of moisture content of pure expanded corkboard.

2. APPARATUS

- 2.1 *Balance*, accuracy 0.5 g, capacity 2 kg.
- 2.2 *Electric oven*, capable of maintaining a temperature of $103 \pm 2^\circ\text{C}$.
- 2.3 *Metal ruler*, having 0.5 mm graduations.
- 2.4 *Desiccator*, containing an efficient desiccant.

3. SAMPLING

Operate as prescribed in the ISO Recommendation for the corkboard being tested.

4. PROCEDURE

4.1 Test samples

Test samples can comprise the board itself or test pieces cut from the board and having the minimum dimensions of 30 cm X 30 cm and the maximum dimensions of 50 cm X 50 cm.

4.2 Determination

Take the linear measurements of the test samples by means of the ruler (2.3). Weigh the test samples by means of the balance (2.1), then place them in the oven (2.2) and dry.

Heating should be carried out at $103 \pm 2^\circ\text{C}$ until constant mass is attained (that is to say, until the result of two consecutive weighings, separated by intervals of heating of 1 hour, does not vary by more than 0.5 g).

The test samples removed from the oven should be cooled to room temperature for 30 minutes in the desiccator (2.4) and weighed again.

NOTE. - If it is required to know the moisture content which the board may have under working conditions, it suffices to place the test samples, weighed in the dry state, in an enclosure having $65 \pm 5\%$ relative humidity until the difference between the results of two weighings made at an interval of 48 hours does not exceed 0.5 g.