

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 766

FIBRE BUILDING BOARDS

DETERMINATION OF DIMENSIONS OF TEST PIECES

1st EDITION
June 1968

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BRIEF HISTORY

The ISO Recommendation R 766, *Fibre building boards. Determination of dimensions of test pieces*, was drawn up by Technical Committee ISO/TC 89, *Boards made from wood or other ligno-cellulosic fibrous materials*, the Secretariat of which is held by the Deutscher Normenausschuss (DNA).

Work on this question by the Technical Committee began in 1959 and led, in 1964, to the adoption of a Draft ISO Recommendation.

In October 1965, this Draft ISO Recommendation (No. 840) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Argentina	Hungary	South Africa,
Australia	India	Rep. of
Austria	Ireland	Spain
Belgium	Israel	Sweden
Brazil	Japan	Switzerland
Canada	Netherlands	U.A.R.
Czechoslovakia	New Zealand	United Kingdom
Finland	Poland	U.S.S.R.
France	Portugal	Yugoslavia
Germany	Romania	

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in June 1968, to accept it as an ISO RECOMMENDATION.

FIBRE BUILDING BOARDS

DETERMINATION OF DIMENSIONS OF TEST PIECES

1. SCOPE

This ISO Recommendation describes a method for measuring the thickness, length and width of test pieces of fibre building boards, defined in ISO Recommendation R ...,* *Fibre building boards – Definition – Classification*.

2. APPARATUS

- 2.1 *Micrometer*, having flat and parallel circular measuring surfaces of 16 ± 1 mm (approximately 200 mm^2) diameter. The graduation of the apparatus should allow a reading to an accuracy of 0.01 mm.
- 2.2 *Sliding caliper*, or any other instrument with a jaw thickness of at least 5 mm, and graduated to allow a reading to an accuracy of 0.1 mm.
- 2.3 *Balance*, allowing a reading to an accuracy of 0.01 g.

3. SAMPLING AND TEST PIECES

- 3.1 Sampling and cutting of the test pieces should be carried out in accordance with ISO Recommendation R ...,** *Fibre building board – Sampling, cutting and inspection*.
- 3.2 **Test pieces**
The dimensions of the test pieces should be in accordance with those specified in the relevant test method.
- 3.3 **Conditioning**
The test pieces should be conditioned to constant mass*** in an atmosphere of a relative humidity of $65 \pm 5 \%$ and a temperature of $20 \pm 2 \text{ }^\circ\text{C}$.

* At present Draft ISO Recommendation No. 956.

** At present at the stage of draft proposal.

*** Constant mass is considered to be reached when two successive weighing operations, carried out at an interval of 24 hours, do not differ by more than 0.1% of the mass of the test piece.