

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

INTERNATIONAL STANDARD
~~ISO RECOMMENDATION~~

ISO R 1097

PLYWOOD —
≡

MEASUREMENT OF DIMENSIONS OF PANELS
≡

1st EDITION

~~June 1969~~

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BRIEF HISTORY

The ISO Recommendation R 1097, *Plywood – Measurement of dimensions of panels*, was drawn up by Technical Committee ISO/TC 89, *Boards made from wood or other lignocellulosic fibrous materials*, the Secretariat of which is held by the Deutscher Normenausschuss (DNA).

Work on this question led to the adoption of a Draft ISO Recommendation.

In June 1968, this Draft ISO Recommendation (No. 1582) 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 :

Australia	Iran	South Africa, Rep. of
Austria	Israel	Spain
Canada	Italy	Sweden
Colombia	Netherlands	Switzerland
Czechoslovakia	New Zealand	Thailand
Finland	Norway	Turkey
France	Peru	U.A.R.
Germany	Poland	United Kingdom
Hungary	Portugal	
India	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 1969, to accept it as an ISO RECOMMENDATION.

PLYWOOD —

MEASUREMENT OF DIMENSIONS OF PANELS

ISO 2074, Plywood - Vocabulary.

1/ SCOPE AND FIELD OF APPLICATION

International Standard

This ~~ISO Recommendation~~ specifies the procedure for measuring the thickness, length and width of plywood panels as defined in ISO Recommendation R ~~1097, Plywood - Vocabulary.~~

2074.7~~2. FIELD OF APPLICATION~~

This ISO Recommendation ~~applies to whole flat panels.~~

2 REFERENCES ISO 1096, Plywood - Classification.

ISO 1098, Veneer plywood for general use - General requirements

3/ SAMPLING ISO ... , Plywood - Sampling, cutting and inspection.

Sample ~~panels~~ ^{shall} be taken in accordance with ISO Recommendation R ~~1097, Plywood - Sampling, cutting and inspection.~~

4/ MOISTURE CONTENT

Measurements ^{shall} be made on panels with a moisture content in accordance with ISO Recommendation ~~R 1098, Plywood - Veneer plywood for general use - General requirements.~~

5/ APPARATUS

5.1 For determination of thickness

A suitable measuring instrument, having circular, flat and parallel measuring surfaces of 16 ± 1 mm diameter, the contact area being 200 mm^2 approximately.

The graduation of the instrument ^{shall} allow a reading to an accuracy of 0,05 mm.

5.2 For determination of length and width

A suitable measuring instrument, allowing a reading to an accuracy of 1 mm.

6/ PROCEDURE

6.1 Determination of thickness

Make ~~four~~ ^{the} measurements ~~should be made~~ (see ~~Figure on page 4~~) to an accuracy of 0,1 mm, each approximately in the middle of each side in an area between 25 mm and 200 mm from the edges.

The pressure applied ~~shall~~ ^{be} ~~be~~ $200 \pm 50 \text{ mbar}$ ²⁾

1) ~~At present at the stage of draft proposal.~~ In preparation.

2) ~~Equivalent to~~ $200 \pm 50 \text{ gf/cm}^2$. ($1 \text{ mbar} = 0,1 \text{ kPa} = 0,1 \text{ kN/m}^2$)