
INTERNATIONAL STANDARD



1097

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Plywood — Measurement of dimensions of panels

Contreplaqué — Mesurage des dimensions des panneaux

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Descriptors : plywood, panels, dimensional measurement.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 139 has reviewed ISO Recommendation R 1097 and found it technically suitable for transformation. International Standard ISO 1097 therefore replaces ISO Recommendation R 1097-1969 to which it is technically identical.

ISO Recommendation R 1097 was approved by the Member Bodies of the following countries:

Australia	India	Romania
Austria	Iran	South Africa, Rep. of
Canada	Italy	Spain
Colombia	Israel	Sweden
Czechoslovakia	Netherlands	Switzerland
Egypt, Arab Rep. of	New Zealand	Thailand
Finland	Norway	Turkey
France	Peru	United Kingdom
Germany	Poland	
Hungary	Portugal	

No Member Body expressed disapproval of the Recommendation.

The Member Bodies of the following countries disapproved the transformation of ISO/R 1097 into an International Standard :

Norway
Sweden

Plywood – Measurement of dimensions of panels

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the procedure for measuring the thickness, length and width of plywood panels as defined in ISO 2074.

It applies to whole flat panels.

2 REFERENCES

ISO 1096, *Plywood – Classification*.

ISO 1098, *Veneer plywood for general use – General requirements*.

ISO 2074, *Plywood – Vocabulary*.

ISO . . . , *Plywood – Sampling, cutting and inspection*.¹⁾

3 SAMPLING

Sample panels shall be taken in accordance with ISO . . .

4 MOISTURE CONTENT

Measurements shall be made on panels with a moisture content in accordance with ISO 1098.

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 measurements (see the figure) 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 200 ± 50 mbar.²⁾

1) In preparation.

2) Equivalent to $200 \pm 50 \text{ gf/cm}^2$. (1 mbar = 0,1 kPa = 0,1 kN/m²)