
INTERNATIONAL STANDARD



2695

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

Fibre building boards — Hard and medium boards for general purposes — Quality specifications — Appearance, shape and dimensional tolerances

Panneaux de fibres — Panneaux durs et mi-durs pour utilisation générale — Spécifications de qualité — Aspect, tolérances de forme et de dimensions

(standards.iteh.ai)

First edition — 1976-04-01

[ISO 2695:1976](https://standards.iteh.ai/catalog/standards/sist/edd2254c-fc95-4658-ad76-18587f41959f/iso-2695-1976)

<https://standards.iteh.ai/catalog/standards/sist/edd2254c-fc95-4658-ad76-18587f41959f/iso-2695-1976>

UDC 674.817-41

Ref. No. ISO 2695-1976 (E)

Descriptors : building boards, fibre boards, materials specifications, appearance, shape, dimensional tolerances, form tolerances.

Price based on 1 page

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.

International Standard ISO 2695 was drawn up by Technical Committee ISO/TC 89, *Fibre building boards*, and circulated to the Member Bodies in May 1972.

(standards.iteh.ai)

It has been approved by the Member Bodies of the following countries :

Australia	Ireland	South Africa, Rep. of
Austria	Italy	Spain
Belgium	Netherlands	Sweden
Czechoslovakia	New Zealand	Switzerland
Germany	Norway	Turkey
Hungary	Pakistan	United Kingdom
India	Poland	U.S.S.R.
Iran	Romania	

The Member Bodies of the following countries expressed disapproval of the document on technical grounds :

Canada
France

Fibre building boards – Hard and medium boards for general purposes – Quality specifications – Appearance, shape and dimensional tolerances

1 SCOPE

This International Standard establishes quality specifications for appearance, shape and dimensional tolerances of fibre building boards for general purposes, as defined in ISO 818, sub-clause 2.1 and clause 3.

2 FIELD OF APPLICATION

This International Standard applies to hard boards and medium boards of commercial dimensions used for general purposes. It does not apply to fibre building boards for special purposes as defined in sub-clause 2.2 of ISO 818.1)

3 REFERENCES

ISO 767, *Fibre building boards – Determination of moisture content.*

ISO 818, *Fibre building boards – Definition – Classification.*

ISO . . ., *Fibre building boards – Sampling, cutting and inspection.*²⁾

ISO . . ., *Fibre building boards – Measurement of dimensions of panels.*²⁾

4 SAMPLING

Sampling shall be carried out in accordance with ISO . . .

5 APPEARANCE

One surface of the board shall be smooth and free from defects which could be detrimental to the particular application. The edges shall be sharp and perpendicular to the plane of the board.

6 MOISTURE CONTENT

If a moisture content range which must be met by the boards at the date of delivery is agreed upon between the seller and the purchaser, then the moisture content shall be determined according to ISO 767.

7 SHAPE AND DIMENSIONAL TOLERANCES

7.1 Shape tolerances

7.1.1 Edge straightness

The boards shall have straight edges. The maximum deviation of the edges from a straight line shall not exceed 0,1 % (i.e. 1 mm per metre) measured over the full length of the edge, and for each partial length of 1 000 mm the maximum deviation shall not exceed 1 mm. The edge straightness shall be determined according to ISO . . .

7.1.2 Squareness

The boards shall be rectangular. The maximum deviation of the shape of the board from the right angle, measured over a span of 1 000 mm, shall not exceed 2 mm. The squareness shall be determined according to ISO . . .

7.2 Dimensional tolerances

The permissible deviations (tolerances) in thickness, length and width of the boards from the nominal values shall be as stated in the table.

Values in millimetres

Type	Nominal thickness	Permissible deviations		
		Thickness	Length	Width
Hard boards	≤ 3,5	± 0,4	± 5	± 3
	> 3,5 ≤ 6,5	± 0,5		
	> 6,5	± 0,7		
Medium boards	≤ 6,5	± 0,5	± 5	± 3
	> 6,5 ≤ 13	± 0,7		
	> 13	± 0,9		

The measurement of dimensions of boards shall be carried out in accordance with ISO . . .

1) This International Standard, however, may be applied to certain categories of fibre building boards for special purposes as well, on the basis of a mutual agreement between buyer and supplier.

2) In preparation.

iTeh STANDARD PREVIEW

This page intentionally left blank
(standards.iteh.ai)

ISO 2695:1976

<https://standards.iteh.ai/catalog/standards/sist/edd2254c-fc95-4658-ad76-18587f41959f/iso-2695-1976>