



# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002

## व्यापक परिचालन मसौदा

हमारा संदर्भ: सीईडी 11/टी- 11

25/04/2024

तकनीकी समिति : दरवाजे, खिड़कियाँ और शटर विषय समिति, सीईडी 20

प्राप्तकर्ता :

- क) सिविल इंजीनियरी विभाग परिषद्, सीईडीसी के सभी सदस्य
- ख) दरवाजे, खिड़कियाँ और शटर, सीईडी 11 के सभी सदस्य
- ग) रूचि रखने वाले अन्य निकाय

महोदय/महोदया,

निम्नलिखित मानक का मसौदा संलग्न है:

प्रलेख संख्या	शीर्षक
सीईडी 11 (25406) WC	लकड़ी के सपाट दरवाजे के शटर (ठोस कोर प्रकार) - विशिष्टि भाग 2 पार्टिकल बोर्ड, उच्च घनत्व फाइबर बोर्ड, मध्यम घनत्व फाइबर बोर्ड एवं हार्डबोर्ड सतययुक्त पल्ले ( चौथा पुनरीक्षण ) (IS 2202 (भाग 2) का पहला संशोधन) ICS 91.060.50

कृपया इस मानक के मसौदे का अवलोकन करें और अपनी सम्मतियों यह बताते हुए भेजे कि यदि यह मानक के रूप में प्रकाशित हो तो इस पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं।

सम्मतियों भेजने की अंतिम तिथि : **25 मई 2024**

सम्मति यदि कोई हो तो कृपया अधोहस्ताक्षरी को उपरिलिखित पते पर संलग्न फॉर्मेट में भेजें या [ced11@bis.gov.in](mailto:ced11@bis.gov.in) पर ईमेल कर दें।

यदि कोई सम्मति प्राप्त नहीं होती है अथवा सम्मति में केवल भाषा सम्बन्धी त्रुटि हुई तो उपरोक्त प्रलेख को यथावत अंतिम रूप दिया जाएगा। यदि सम्मित तकनीकी प्रकृति की हुई विषय समिति के अध्यक्ष के परामर्श से अथवा उनकी इच्छा पर आगे की कार्यवाही के लिए विषय समिति को भेजे जाने के बाद प्रलेख को अंतिम रूप दे दिया जाएगा।

यह प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध हैं।

धन्यवाद।

भवदीय,

संलग्नक : उपरिलिखित

(द्वैपायन भद्रा.)  
प्रमुख (सिविल इंजीनियरी)



# भारतीय मानक ब्यूरो BUREAU OF INDIAN STANDARDS

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG, NEW DELHI 110002

## DRAFT IN WIDE CIRCULATION

Our Ref: CED 11/T- 11

25/04/2024

**TECHNICAL COMMITTEE: DOORS, WINDOWS AND SHUTTER SECTIONAL COMMITTEE, CED 11**

### ADDRESSED TO:

- All Members of Civil Engineering Division Council, CEDC
- All Members of Doors, Windows And Shutter Sectional Committee, CED 11
- All others Interests

Dear Sir(s),

Please find enclosed the following document:

Doc No.	Title
CED 11(25406) WC	<b>IS 2202 (PART 2) Wooden Flush Door Shutters(Solid Core Type) — Specification Part 2 Particle Board, High Density Fibre Board,Medium Density Fibre Board and Fibre Hardboard Face Panels (Fourth Revision) (First Amendment of IS 2202 (PART 2) (ICS 91.060.50)</b>

Kindly examine the draft standard and forward your views stating any difficulties which you are likely to experience in your business or profession, if this is finally adopted as National Standard.

Last Date for comments: **25 May 2024**

Comments if any, may please be made in the enclosed format and mailed to the undersigned at the above address or preferably through e-mail to [ced11@bis.gov.in](mailto:ced11@bis.gov.in).

In case no comments are received or comments received are of editorial nature, you will kindly permit us to presume your approval for the above document as finalized. However, in case of comments of technical in nature are received then it may be finalized either in consultation with the Chairman, Sectional Committee or referred to the Sectional Committee for further necessary action if so desired by the Chairman, Sectional Committee.

The document is also hosted on BIS website [www.bis.gov.in](http://www.bis.gov.in).

Thanking you,

Yours faithfully,  
**(Dwaipayan Bhadra)**  
Head (Civil Engg.)

Encl: as above

**DRAFT FOR COMMENTS ONLY**

(Not to be reproduced without the permission of BIS or used as an amendment to Standard)

Doors, Windows and Shutters  
Sectional Committee, CED 11Last Date of Comments:  
25 May 2024**Draft Amendment No. 1**

To

**IS 2202 (PART 2): 2022 WOODEN FLUSH DOOR SHUTTERS (SOLID CORE TYPE) —  
SPECIFICATION****Part 2 Particle Board, High Density Fibre Board, Medium Density Fibre Board and  
Fibre Hardboard Face Panels***(Fourth Revision)**(Page 1, clause 1)* – Insert the following note after paragraph:

‘NOTE – This standard covers the requirements in addition or alternate to IS 2202 Part 1.’

*(Page 2, Table 1)* – Substitute the following with the existing table:**Table 1 Designation of Wooden Flush Door Shutters, Solid Core Type with Particle Board,  
HDF, MDF and Fibre Hardboard Face Panels***[Clauses 4.2 and 13.1 (c)]*

<b>Sl. No.</b>	<b>Core</b>	<b>Type</b>	<b>Abbreviation</b>
(1)	(2)	(3)	(4)
i)	Blockboard	Decorative with skins of any type of face panels mentioned in <b>6.3.3</b> .	B D P V
		Non-decorative with skins of particle board/MDF/HDF/fibre hardboard unveneered.	B N P
		Non-decorative with skins of particle board/HDF/MDF/ fibre hardboard veneered with commercial veneers	B N P V
ii)	Particle board	Decorative with skins of any type of face panels mentioned in <b>6.3.3</b> .	P D P V
		Non-decorative with skins of particle board/MDF/HDF/fibre hardboard unveneered.	P N P
		Non-decorative with skins of particle board/HDF/MDF/fibre hardboard veneered with commercial veneers	P N P V
iii)	Medium density fibre board	Decorative with skins of any type of face panels mentioned in <b>6.3.3</b> .	M D P V
		Non-decorative with skins of particle board/MDF/HDF/fibre hardboard unveneered.	M N P

Sl. No.	Core	Type	Abbreviation
(1)	(2)	(3)	(4)
		Non-decorative with skins of particle board/HDF/MDF/fibre hardboard veneered with commercial veneers	M N P V

(Page 4, clause 6.3.3) – Substitute the following with the existing:

‘For B D P V, P D P V and M D P V types of flush door shutters, face panel of particle board, MDF board, HDF board and fibre hardboard with decorative faces of PVC (poly vinyl chloride) foils or other type of foils (as agreed between the manufacturer and the purchaser) or ABS (acrylonitrile butadiene styrene) sheets, shall pass 1H of pencil hardness test as per Annex C to IS 17637. Face panel of prelaminated MDF or HDF shall meet the requirement of abrasion resistance type IV of IS 14587. Face panels with any decorative laminates (as agreed between the manufacturer and the purchaser) and CPL (continuous pressed laminates) shall meet the requirements of type VLS of IS 2046.’

(Page 4, clause 6.4, line 2) – Substitute ‘infill board/core’ for ‘core’.

(Page 4, clause 6.5) – Insert the following title:

**‘Infill Board’**

(Page 4, clause 7.2) – Substitute the following with the existing:

‘The face panel shall be formed by gluing by the hot or cold or high frequency press process on both faces of the particle board or HDF board or MDF board or fibre hardboard and / or decorative laminates or PVC (poly vinyl chloride) or other type of foils (as agreed between the manufacturer and the purchaser) or CPL (continuous pressed laminates) or ABS (acrylonitrile butadiene styrene) sheet. The combined thickness of the face panels will be of 3 mm.’

(Page 6, Annex A) – Add the following at the end:

<i>‘Sl. No.</i>	<i>Title</i>
IS 2046 : 1995	Decorative thermosetting synthetic resin bonded laminated sheets specification ( <i>second revision</i> )
IS 17637 : 2021	Performance requirements of surface finishes for furniture applications’