



उत्पाद मैनुअल
आई एस 2095 (Part 2):2022 के अनुसार
जिप्सम प्लास्टर बोर्ड - भाग 2 लेपित/लेमिनेटेड
जिप्सम प्लास्टर बोर्ड के लिए

दस्तावेज संख्या - पी एम/आई एस 2095 (Pt 2)/1/Feb 2022

भारतीय मानक ब्यूरो की स्कीम-I (अनुरूपता मूल्यांकन) विनियम, 2018 के तहत यह उत्पाद मैनुअल प्रमाणीकरण के प्रचालन में रीति और पारिश्रिता की सुसंगतता सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों और लाइसेंसी द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस प्रमाणीकरण लाइसेंस/प्रमाणपत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज का उपयोग किया जा सकता है।

**PRODUCT MANUAL FOR
GYPSUM PLASTER BOARDS: PART 2 -
COATED/LAMINATED GYPSUM PLASTER BOARD
ACCORDING TO IS 2095 (PART 2):2022**

Document No.- PM/ IS 2095 (Pt 2)/1/Feb 23

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification licence/certificate.

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**PRODUCT MANUAL FOR
GYPSUM PLASTER BOARDS: PART 2 - COATED/LAMINATED
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1.	Product	:	IS 2095 (Part 2) : 2022
	Title	:	Gypsum Plaster Boards – Coated/ Laminated GypsumPlaster Boards
	No. of Amendments	:	NIL
2.	Sampling Guidelines:		
a)	Raw material	:	Gypsum Plaster (Cl 4.1), Fibres (Cl 4.2), Additives (Cl 4.3), Laminating/Coating Material (Cl 4.4)
b)	Grouping guidelines	:	Please refer ANNEX – A
c)	Sample Size	:	Gypsum plaster boards – 4 boards of full size
3.	List of Test Equipment	:	Please refer ANNEX – B
4.	Scheme of Inspection and Testing	:	Please refer ANNEX – C
5.	Possible tests in a day :		
	Finish, Dimensions & Squareness		
6.	Scope of the Licence :		
	“Licence is granted to use Standard Mark as per IS 2095 Part (2) with the following scope:		
	Name of the product	Coated/ Laminated Gypsum Plaster Board	
	Size (mm)		
	Type of gypsum board		
	Laminating/ Coating Material		

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ANNEX A

Grouping Guidelines

1. Coated/ Laminated gypsum plaster boards covered in IS 2095 (Part 2) are classified as under:
 - a) Types : Types of gypsum board as per IS 2095 (Pt 1)/ IS 2095 (Part 3)/ IS 8272
 - b) Dimensions :
 - Width (mm) – 600/1220
 - Length (mm) – 1800 to 3600
 - Thickness (mm) – 9.5, 12.5, 15(Note : Gypsum plaster boards with other dimension may be manufactured subject to mutual agreement between the purchaser and the manufacturer, however same tolerance shall be applicable)
 - c) Laminating/ Coating Material - Wood veneers, plastic films, paper, etc.
2. IS 2095 (Part 2) specifies the Flexural Breaking Load values as per the thickness of board.
3. Considering the above, following grouping guidelines for GoL/ CSoL have been developed:
 - (a) Each type, thickness and laminating/coating material shall be tested for all requirements to cover that particular type, thickness and laminating/coating material in the scope of licence.
 - (b) Board of any width and highest length shall be tested for all requirements to cover boards of all widths and all lengths upto and including the length tested.
4. In case a manufacturer opts for ECO mark, gypsum plaster boards shall be manufactured using by-product gypsum. The manufacturer shall provide conformity to Clause 8 of IS 2095 (Pt 2):2022.
5. The Scope of Licence may be restricted based on the Manufacturing and Testing capabilities of the Manufacturer.
6. During the operation of the Licence, BO shall ensure that all varieties covered in the Licence may be tested in rotation, to the extent possible

ANNEX-B**List of Test Equipment***Major test equipment required to test as per the Indian Standard*

Sl. No.	Tests used in with Clause Reference	Test Equipment
1.	Dimensions(Clause 6.1)	- Measuring tape - Steel scale - Micro meter - Straightness edge - Squareness edge
2	Density (Clause 6.2)	- Test facilities as per Annex C of IS 2095 (Part 1)
3	Flexural Breaking Load (Clause 6.3)	- Test facilities as per Annex D of IS 2095 (Part 1)
4	Fire Resistance (Clause 6.4)	- Test facilities as per IS/ISO 834 (Part 8)

The above list is indicative only and may not be treated as exhaustive.

ANNEX C

Scheme of Inspection and Testing

1. LABORATORY - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

1.1 The manufacturer shall prepare a calibration plan for the test equipments.

2. TEST RECORDS – The manufacturer shall maintain test records for the tests carried out to establish conformity.

3. LABELLING AND MARKING –As per the requirements of IS 2095 (Part 2) : 2022.

4. CONTROL UNIT – All gypsum boards of same type, size and Laminating/ Coating Material produced in a day from similar raw material under similar condition of production in a day shall constitute a control unit.

5. LEVELS OF CONTROL - The tests as indicated in column 1 of Table 1 and the levels of control in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

5.1 All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.

6. REJECTIONS – Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

TABLE 1

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Levels of Control		
Cl.	Requirement	Clause Reference	Test Methods		No. of Sample	Frequency	Remarks
4	Gypsum plaster	4.1	IS 2095 (Part 2)	S	One	Each consignment	No further testing is required if ISI marked or accompanied with test certificate.
6.5	Finish	6.5	IS 2095 (Part 2)	-	Firm to have adequate in-process controls to check compliance of this parameter as per the tolerances given in the Indian Standard. However, appropriate records shall be maintained by the manufacturer for evidence of conformity		
6.1	Dimension	6.1	IS 2095 (Part 2)	R			
6.2	Density	6.2	IS 2095 (Part 2)	R	One	Each Control unit	-
6.3	Flexural Breaking Load	6.3	IS 2095 (Part 2)	R	One	Each Control unit	-
6.4	Fire Resistance	6.4	IS 2095 (Part 2)	S	One	Once in six months	-

Note-1: Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

Note-2: Levels of control given in column 3 are only recommendatory in nature. The manufacturer may define the control unit/batch/lot and submit his own levels of control in column 3 with proper justification for approval by BO Head.