

PLADUR® Ultra L-Tec H1

01a14001ES - Rev. 02/2018



DESCRIPTION

Laminated plasterboard. It consists of a 100%-natural plaster core with an ultra-light technological formula and with waterproofed lining on both faces formed by a special cellulose facer. The waterproofing treatment decreases the water absorption capacity, thus reinforcing its resistance to the direct effects of water and dampness.

FIELD OF APPLICATION

- Ceiling systems in new builds or in refurbishments not requiring fire resistance certificates or acoustic treatments.
- Suitable for damp zones (moderate damp).
- Not suitable for walls or for wall linings.

TECHNICAL SPECIFICATIONS

PROPERTY	VALUE
Colour	Face - Green Back - Green (Kraft)
Lengthwise edge Transversal edge	BA (Tapered edge) BCT (Cut edge)
Thickness (mm)	12,5
Approx. Weight (kg/m ²)	7.6
Flexural strenght (N)	Longitudinal ≥550
	Transversal ≥210
Thermal conductivity (λ) (W/mK)	≤0,25
Thermal resistance (m ² K/W)	≥0,05
Linear expansion (m/m°C)	-
Minimum bend radius	-
Surface hardness (imprint) (mm)	Ø ≤20
Air permeability (m ³ /(m ² sPa))	-
Water absorption (mass)	<5%
Surface water absorption (g/m ²)	<180
Water vapour permeability (resistance factor)	10
Reaction to fire	A2-s1,d0
Applicable standards / certifications	EN-520 CE
Classification (as per EN-520)	H1

DIMENSIONS (MM)

THICKNESS	LENGTH X WIDTH
12.5	2000 x 1200, 2500 x 1200

TOLERANCES (AS PER EN-520)

- **Length:** +0 / -5 mm
- **Width:** + / -4 mm
- **Thickness:** ±0,4 mm

PRESENTATION

- **Tapered edge:** PLADUR® logo, board name, CE marking.
- **Edge:** EAN Code, board name and dimensions. CE
- **Back (Grey face):** PLADUR®, Laminated Plasterboard, Ultra L-TEC H1, EN-520, type of edge, CE, type of board, reaction to fire, identification, made in Spain, date of manufacture.
- **Pallet:** PLADUR® logo, dimensions and type of edge.
- **Units per batch:** 60.



INSTALLATION

- It is mandatory to comply with local Building Codes in the destination country where material is installed.
- For queries on installation and/or technical support, please call our Customer Services and Technical Assistance helpline +34 902023323 and/or write to the email address consultas@pladur.com



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FINISHES AND DECORATION

- The PLADUR® ULTRA L-TEC H1 13 plasterboard is suitable for finishing with the PLADUR® range of waterproof compounds and paper joint tapes (JH or LH).
- Do not paint the surface before treating the joints.
- Smaller repairs of minor damage should be carried out using the PLADUR® PA gripping compound.
- Apply a primer and allow to dry before painting, texturing or papering, to ensure that the absorption capacities of the board and compound are the same.
- Follow the primer manufacturers' instructions carefully when applying.
- It is advisable to carry out the decorative work as soon as possible once the finishing processes (screws and joint treatments) have been completed to avoid rust appearing on the board's surface.
- Apply primer to prevent rust.
- Ensure adequate ventilation of the premises, with sufficient air circulation to minimise the appearance of problems due to humidity.
- If the environmental humidity levels are high, it may be necessary to use dehumidifiers.
- Carefully follow the manufacturers' instructions for the materials used as decoration.
- For more information on the finishing levels in walls and ceilings, please visit www.nivelesdeacabado.com

PRECAUTIONS

- We can only guarantee the fulfilment of the results obtained in our tests or forecasts, as set out in our technical documents, if original PLADUR® products (boards, profiles, compounds, screws and accessories) are used together.
- Installed and undecorated boards should not be exposed to sunlight for long periods of time. The use of a primer designed specifically for laminated plasterboard will minimise the appearance of rust on the surfaces of the boards in these circumstances.
- Keep the premises properly ventilated to avoid condensation that could damage the boards.
- For detailed information on safety, please see the product safety datasheet.

STORAGE AND HANDLING

- Always stack the boards in horizontal position, on a flat and dry surface, protected from sunlight and rain, and indoors.
- When stacking pallets, make sure to form stable and perfectly vertical stacks.
- When assembling the boards, it is best to keep them vertical while handling, taking care not to hit against any other object, which could cause damage.
- During manual transport, the boards should be kept in a vertical position and should be handled by at least two people, unless machinery is used.
- A single individual should not handle any product or set of products weighing more than 25 Kg. If this weight is exceeded, the product or products should be handled by at least two individuals and/or using machinery.
- If the boards are transported on forklift trolleys, the forks should be set at the widest possible position.
- The boards can be cut with a mechanical saw, or manually by cutting the cellulose with a tool with a cutting edge (cutter) and then folding the board over the cut. Use mechanical protection gloves, as per Standards UNE-EN 420 and UNE-EN 388.
- Always follow the manufacturers' instructions carefully when using mechanical tools.

Central Offices and Factory in Valdemoro-Madrid
Laminated plasterboards, Transformations,
Profiles and Adhesive Compounds

This document is provided as a guideline only and refers to installations and applications based exclusively on the use of PLADUR® materials in accordance with the specifications contained herein. Any use or installation based on PLADUR® materials that does not follow the recommendations and parameters set out in this document must be confirmed with the Pladur Gypsum, S.A. Technical Department first. PLADUR® is a registered trademark belonging to PLADUR GYPSUM, S.A. Published February 2018. This publication is considered valid save for any typographic or transcription error. All rights reserved, including the incorporation of improvements or amendments.

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