

PLADUR® OMNIA

01a15001EN - Rev. 02/2018



DESCRIPTION

Laminated plasterboard, formed by a 100% natural, very high-density plaster core with waterproofed lining on both faces, with a special cellulose laminate. The fiberglass built-in to the core increases the level of fire protection. The waterproofing treatment decreases the water absorption capacity, thus reinforcing its resistance to direct effects of water and dampness. Its special formula and high density provide it with greater impact resistance and better acoustic insulation against airborne noise.

FIELD OF APPLICATION

- Designed exclusively for indoor use.
- Wall linings, walls and ceilings with miscellaneous requirements.
- Premises with multiple uses/requirements.
- Recommended for premises requiring high acoustic insulation.
- Recommended for works in which there will be different kind of uses.
- Suitable for use in premises with regular humidity levels (e.g. Bathrooms, kitchens, etc.).
- Suitable for areas that are potentially exposed to impacts and with a high flow of people passing through.
- Suitable for premises that require better fire performance.

TECHNICAL SPECIFICATIONS

PROPERTY	VALUE	
Colour	Face -Blue Black - Grey (Kraft)	
Lengthwise edge	BA (Tapered edge)	
Transversal edge	BCT (Cut edge)	
Thickness (mm)	12,5	15
Approx. weight (kg/m ²)	12,6	15,1
Flexural strenght (N)	Longitudinal	
	≥725	≥870
	Transversal	
	≥300	≥360
Thermal conductivity (λ) (W/mK)	≤0,25	≤0,25
Thermal resistance (m ² K/W)	≥0,05	≥0,05
Linear expansion (m/m °C)	-	-
Minimum bend radius (mm)	-	-
Surface hardness (imprint) (mm)	Ø≤15	Ø≤15
Air permeability [m ³ / (m ² .s.Pa)]	-	-
Water absorption (mass)	<5%	<5%
Surface water absorption (g/m ²)	<180	<180
Reaction to fire	A2-s1,d0	
Applicable standards/ certifications	EN-520 	
Classification (as per EN-520)	I,D,F,R,H1	

DIMENSIONS (MM)

THICKNESS	LENGTH X WIDTH
12,5	2500x1200 / 3000x1200
15	2500x1200 / 3000x1200

TOLERANCES (AS PER EN-520)

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

PRESENTATION

- **Tapered edge:** PLADUR® Logo, board name, type of board, type of edge, CE marking.
- **Edge:** EAN code, type of board, dimensions and type of edge. CE
- **Back (Grey face) OMNIA 13:** PLADUR®, OMNIA laminated plasterboard IDFRH1 12.5 EN 520 BA CE PLADUR®, IDFRH1-EN520-A2-s1, d0 (B) PLADUR OMNIA 13 17 MADE IN SPAIN.
- **Back (Grey face) OMNIA 15:** PLADUR®, OMNIA laminated plasterboard IDFRH1 15 EN 520 BA CE PLADUR®, IDFRH1-EN520-A2-s1, d0 (B) PLADUR OMNIA 15 17 MADE IN SPAIN.
- **Pallet:** PLADUR® Logo, type of board, dimensions and type of edge.
- **Units per batch:** 32



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 **+34 902 023 323** and/or write to the email address **consultas@pladur.com**.



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FINISHES AND DECORATION

- The PLADUR® OMNIA plasterboard is suitable for finishing with the PLADUR® range of waterproof compounds and paper joint tapes (PLADUR® 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 recommended 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.
- Application of the primer will 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.

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

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