

## PLADUR® SYNIA

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### DESCRIPTION

Laminated plasterboard, formed by a **100% natural** plaster core lined on both sides with a layer of special cellulose. The 4 borders (longitudinal and transversal) are thinned.

### APPLICATIONS

- Board that is especially suitable for use in ceilings. It has four tapered edges to create a better finish over the joints.

### TECHNICAL SPECIFICATIONS

FEATURE	VALUE
Colour	Face - Light Grey Reverse - Brown (Kraft)
Longitudinal Edge Transversal Edge	TE (Tapered Edge) TE (Tapered Edge)
Depth of the transversal/ longitudinal edge (mm)	1.55
Width of the transversal/ longitudinal edge (mm)	60
Thickness (mm)	12.5
Weight (kg/m <sup>2</sup> )	8.2 - 8.9
Bending Strength (N)	Longitudinal ≥550
	Transversal ≥210
Thermal conductivity (λ) (W/mK)	≤ 0.25
Transversal rectangularity	0
Reaction to fire	A2, s1 - d0
Standards / certifications	EN-520 
Classification (as per EN-520)	A

### BOARD RANGE (MM)

THICKNESS	LONG X WIDTH
12.5	1200x2500

### Tolerances (acc. to EN-520)

- **Depth of the transversal/ longitudinal edge:** ± 0,95 mm
- **Width of the transversal/ longitudinal edge:** ± 20 mm
- **Length:** + 0 / - 5 mm
- **Width:** + 0 / -4 mm
- **Thickness:** ± 0,5 mm
- **Transversal rectangularity:** - 3 mm

### BOARD & PALLET PRINTING

- **Tapered area:** Board name .
- **Edge:** CE Mark, Siniat Logo, name of the Board, type of board, per as standards, thickness, fire protection classification, date and time of production.
- **Pallet:** Board name, Synia Logo, CE Mark, type of board, dimensions and palletising, date and time of production.

### Stacking

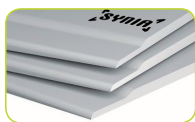
THICKNESS	UNITS PER PALLET	OTHERS
12.5	50	Boards are stacked over Linoleum supports. The number of supports varies, depending on the boards thickness and length.

### INSTALLATION

- The method of installing Pladur® Systems with SYNIA plasterboards is similar to the one used with N boards, with the following particularities:
  - The System's modulation should be built with a distance of 400 mm between profiles.
  - The joints should be treated by extending the surface to which the joint compound is applied.
- The regulations and laws applicable in the territories where the materials are installed must be followed at all times.
- For any queries regarding the recommendations from Yesos Ibéricos for the installation or for technical support, please write to [info@pladur.com](mailto:info@pladur.com).

### PRECAUTIONS

- PLADUR® can only guarantee the results achieved in our tests or set out in our estimates and technical documents if original PLADUR® products (board, metal profiles, compounds, screws and accessories) are used together.
- Do not leave boards that have been installed but not decorated yet exposed to sunlight for extended periods of time. Use a primer specifically designed for plasterboards to avoid the appearance of rust stains on the surface of boards kept in such conditions.
- The area should be well ventilated, to avoid condensation that could damage the boards.
- For detailed information on your safety, please check the product's safety data sheet at [www.pladur.com](http://www.pladur.com).



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## FINISHING & DECORATION

- PLADUR® SYNIA board must be finished using the PLADUR® range of jointing materials (compounds and paper joint tapes) to produce durable joint reinforcement and a smooth, continuous, crack-resistant surface ready for priming and final decoration. Ensure the joints are treated before painting the surface. Likewise, always use PLADUR® Bonding Compounds when repairing any minor damage to the board.
- Apply primer first and leave to dry before painting, texturing or wallpapering, so that the board and the compound's absorption capacities are the same. Please follow the manufacturers' instructions carefully during application.
- Any decoration work should be carried out as quickly as possible once the finishing processes have been completed (joint and screw treatment) to avoid rust appearing on the board's surface. Apply a primer over the board's entire surface to prevent rust stains and discolouration.
- Ensure that the area is well ventilated, as air flow will minimise any humidity problems.
- Use of dehumidifiers may be required if there are high environmental humidity levels in the area.
- Follow the instructions of the manufacturers that made the decorative materials carefully.
- For information on finishing levels of ceilings and partitions, please visit [www.plasterboardfinishing.com](http://www.plasterboardfinishing.com)

## STORAGE & HANDLING

- Always stack the boards horizontally, on a flat and dry surface, in doors and protected from sunlight and rain. Pallets should be stacked by forming stable and perfectly vertical piles
- Keep the boards upright during installation, taking care to avoid any impacts against other objects that could cause damage. When moving the boards manually, they should be kept in a horizontal position and always handled by at least two people, if no mechanical resources are available. A single individual should not handle a product or set of products that individually or together exceed 25 kg. If the product weighs more, it should be handled by more than one person or using mechanical elements.
- When boards are transported on forklifts, the forks should be as wide open as possible.
- The boards can be cut using a plasterboard saw or manually, by marking a line with a sharp blade (cutter) and then bending the board across that line. Mechanical protection gloves should be worn. Follow the manufacturers' instructions carefully when using mechanical tools.

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

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