

PLADUR® DECOR

01c06002EN - Rev. 10/2015



DESCRIPTION

Plasterboard with a thickness of 10 mm, with the exposed face laminated with a special vinyl film, of different textures and colours.

APPLICATIONS

Used in the configuration of Suspended Ceilings with exposed structures, installed in all kinds of works, although they are especially suitable for setups or areas requiring either continuous maintenance (hotels, schools, etc), or demanding lighting requirements (car showrooms, shops, etc) or a high level of cleanliness and hygiene (hospitals, clinics, restaurants, dining areas, bathrooms, kitchens, changing rooms, maintenance workshops, special risk areas (B-s2, d0), etc.) .

TECHNICAL SPECIFICATIONS

FEATURE	BASE BOARD VALUES
Thickness (mm)	9.5
Average weight (kg/m ²)	7.7
Bending Strength (N)	Longitudinal ≥ 400 Transversal ≥ 160
Shore C surface hardness	> 75
Thermal conductivity coefficient (λ) (W/mK)	0.25
Reaction to fire	A2-s1, d0
Impact strength (mm)	< 20

FEATURE	VINYL VALUES
Vinyl thickness (mm)	Variable
Vinyl weight (gr/m ²)	240
Water vapour permeability (resistance factor)	50,000
Hazard level	Non-hazardous (H security-DIN 52900)
Luminosity	≥ 7
Colours available	Sky Blue Grey Beige Birch Beech Oak Chestrut Steel
Washable	Yes
Chemical resistance	Soaps. Diluted detergents. ammonia. alkaline and acids.
Chemical weakness	Thinner-type solvents. esters and aromatic hydrocarbons.
Antimicrobial treatment	Yes. (Bio-Pruf. Fungicide. antibacterial and resistant to staphylococcus)
Shore D hardness	> 60
Vinyl reaction to fire	B-s2, d0
Thermal conductivity coefficient (λ) (W/mK)	0.25

FEATURE	VALUES OF WHOLE SETUP
Thickness (mm)	9.8 approx.
Dimensions (mm)	595 x 595
Average weight (kg/m ²)	7.6
Bending Strength (N)	Longitudinal ≥ 400 Transversal ≥ 160
Shore C surface hardness	> 80
Chemical resistance	Soaps. Diluted detergents, ammonia, alkaline and acids.
Reaction to fire	B-s2, d0

TOLERANCES

FEATURE	BASE BOARD VALUES
Thickness (mm)	± 0.4
Average weight (kg/m ²)	± 0.1
Bending Strength (kg)	Longitudinal 53 Transversal 21
Impact strength (mm)	15.4

FEATURE	VINYL VALUES
Vinyl weight (gr/m ²)	± 15
Shore D hardness	± 2

PRESENTATION

FEATURE	VALUE
Dimensions (mm)	595 x 595
Units / Box	8
Boxes / Pallet	24
Others	The product is delivered in shrink-wrapped wooden pallets with a PVC film with the Pladur® logo screen-printed on it and with corner protectors.

INSTALLATION

- Stake out the premises or the space that is to be covered with the suspended ceiling, whilst ensuring that the layout is as symmetrical as possible, so that the opposing perimeter stakes are equal.



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INSTALLATION OF STRUCTURE

- After re-staking and modulating the plan of the ceiling, place the Metal Angle profile over the perimeter walls or partitions, anchoring it to the wall every 600 mm at the most. The anchors at the Metal Angle's ends must be set at no more than 5 cm from the ends, maximum.
- Subsequently, install the Primary profiles, separated as per the planned modulation and layout and suspended from the existing ceiling with grid hanger clips and the corresponding threaded rods. The maximum separation of these hanger clips will be 1.20 m.
- The Primary profile's line is made continuous by anchoring of the "heads" or ends, specially designed for this purpose.
- The guide base ends of the Primary profiles will rest on the Metal Angle, with an overlap of at least 12 mm.
- When cutting the "clip" connector for the support, remember that the modulation must follow the profile's perforations, so that the Secondary profiles can be hooked into place.
- Put in place the Secondary profiles, which will be joined to the Primary profiles by fitting in the "heads" or ends into the perforations in the profile's core.
- At the ends with the joint over the wall, the Secondary profiles will rest on the Metal Angles, with an overlap of at least 12 mm.

INSTALLATION OF BOARDS

- The boards will be placed over the finished structure and must be perfectly supported by the profiles.
- If the ceiling covers a broad area, it is sometimes preferable to place some rows of boards whilst the structure is being installed, to ensure that the overall structure is stable and fixed, during assembly.
- Irrespective of the method of installation described above, the regulations in force and applicable in the area where the installation takes place must be followed at all times.
- For information concerning the installation and/or technical support, please call our Customer Service Number **+34 902 023 323** or contact us by email at: **info@pladur.com**.

PRECAUTIONS

- Keep the premises well ventilated and avoid condensation, which could damage the boards.
- We can only guarantee the results achieved in our tests or predictions, as described in our technical documentation, if original Pladur® Products (boards, profiles, compounds, screws and accessories) are used together.
- For detailed information on your safety, please see the product's safety data sheet.

STORAGE & HANDLING

- Store on a horizontal, flat and dry surface, protected from sunlight and rain, preferably indoors.
- Do not stack to a height of more than 4 packages.
- We recommend moving them vertically whilst handling, and taking care not to hit against any other object that could cause damage. For manual transport, products or sets of products that individually or collectively weigh more than 25 kg should not be handled by a single individual. If the product/products weigh more than 25 kg, they should be moved by more than one person or using mechanical assistance.
- We recommend wearing mechanical protection gloves, as per Standards EN 420 and EN-388, when handling the profiles.

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

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