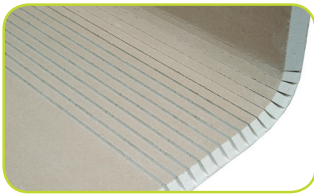


# PLADUR® FLEXIFORM

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## DESCRIPTION

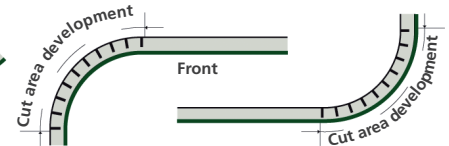
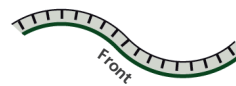
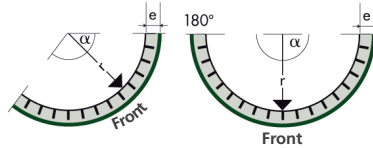
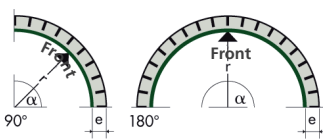
13 mm Plasterboard, with straight multi-slice 3-mm slots separated by 1 cm from each other in the Flexiform 1 range, or 3 cm in the Flexiform 3 range. These cuts are made on the concealed face of the board, to create a Persian blind effect, creating a preformation with which to create different curves and rounded shapes.

### CONCAVES SHAPES

### CONVEX SHAPES

### S-SHAPED

### COMBINATION OF CURVED/STRAIGHT SHAPES


 $\alpha$ : development angle

e: board thickness

## APPLICATIONS

The board has many different applications, including ceilings, decorative partitions, forming curves, corrugated partitions, curved corners, corrugated ceilings, as well as many others. The minimum radius for creating curves with Pladur® Flexiform is 12 cms, always depending on the thickness of the board and the distances applied between cuts. The standard board used is an N-type board, although F or H1 type plasterboard can also be supplied on order. The standard length is 2.6 m. These boards are supplied with lateral finishes with a tapered edge.

## BASE BOARD TECHNICAL SPECIFICATIONS (N)

| FEATURE  | VALUE  |
|--|--|
| Colour   | Face - Light Grey<br>Reverse - Brown (Kraft) |
| Longitudinal edge<br>Transversal edge                        | BA (Tapered Edge)<br>BCT (Cut)               |
| Thickness (mm)   | 12.5   |
| Weight (kg/m <sup>2</sup> )                                  | 9.0  |
| Thermal conductivity<br>( $\lambda$ ) (W/mK)                 | $\leq 0.25$                                  |
| Thermal resistance (m <sup>2</sup> K/W)                      | 0.05   |
| Linear dilation (m/m °C)                                     | $15 \times 10^{-6}$                          |
| Surface hardness<br>(marking) (mm)                           | $\varnothing \leq 20$                        |
| Air permeability<br>[m <sup>3</sup> /(m <sup>2</sup> .s.Pa)] | $1.4 \times 10^{-6}$                         |
| Water vapour permeability<br>(resistance factor)             | 10   |
| Reaction to fire   | A2 - s1, d0                                  |
| Standards / certifications                                   | EN-520 / EN-14190<br>                        |
| Classification<br>(as per EN-520)                            | A  |

## BOARD RANGE (MM)

| THICKNESS | LENGTH X STANDARD WIDTH |
|-----------|-------------------------|
| 12,5*     | 2600x1200               |

\* Other lengths available on order only.

## TOLERANCES (AS PER EN-520)

- Length: +0 / -5 mm
- Width: +0 / -4 mm
- Thickness:  $\pm 0.5$  mm

| NAMES                        | FLEXIFORM<br>13N 410 | FLEXIFORM<br>13N 610 |
|------------------------------|----------------------|----------------------|
| Dimensions                   | 13 x 1200 x 2600     | 13 x 1200 x 2600     |
| Maximum interior<br>diameter | 410                  | 610                  |
| Cutting area<br>development  | 683                  | 997                  |
| Packaging (units/<br>pallet) | 25                   | 25                   |

## PRESENTATION

All the parts are supplied in full-sized boards measuring 1200 x 2600 mm with different widths in the slotted area (parallel cuts with distances to axes of 10 mm or 15 mm, depending on the part to be formed, laid out flat, to configure a pallet from the parts obtained of 25 full boards measuring 1200 x 2600 mm, that configure the height of the pallet, and with the corners protected with corner guards and plastic sheeting on the pallet.

## INSTALLATION

- The regulations in force and applicable in the area where the installation is made should be followed at all times.
- When installing the board, some form of adhesive should be applied to the slotted rear side of the preformed piece (white glue, high shear strength adhesives, or plaster-based compounds), following the manufacturers' instructions.
- For queries concerning the installation and technical support, please call our Customer Services and Technical Assistance number **+34 902 023 323** or write to the email address: **info@pladur.com**.



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## FINISHING & DECORATION

- Pladur® ProForm V is suitable for finishing with the range of Pladur® compounds and tapes for joints. The surface should not be painted before treating the joints. Likewise, any small repairs to minor damage should be made using Pladur® Gripping compounds.
- A primer should be applied and left to dry before painting, texturing or papering, so that the board and the compound's absorption capacities are equal. Follow the manufacturers' instructions carefully when applying.
- We recommend carrying out any decorative work as quickly as possible once the finishing processes have been completed (screws and joint treatment) to avoid rust appearing on the surface of the boards. Applying a primer over the whole surface of the board will prevent these blemishes appearing.
- Ensure the premises are properly ventilated, with sufficient air circulation to minimise the appearance of humidity problems.
- Using dehumidifiers may be necessary if there are high levels of environmental humidity.
- Follow the instructions of the manufacturers of the decorative materials carefully.
- For more information on finish levels in walls and ceilings, please visit [www.plasterboardfinishing.com](http://www.plasterboardfinishing.com).

## PRECAUTIONS

- Preformed parts that have been installed but not decorated should not be exposed to sunlight for long periods of time. The use of a primer specifically designed for laminated plasterboards will minimise the appearance of rust in the surface of the boards under these circumstances.
- Keep the premises properly ventilated and avoid condensation that could damage the boards.
- For more detailed safety information, please see the product's safety datasheet.

## STORAGE & HANDLING

- Store the pallet on a flat and dry surface indoors, protected from sunlight and rain. The pallets should be stacked to form stable and perfectly vertical piles.
- When installing the preformed parts, we recommend handling them carefully, so as not to hit against any other object and cause damage. We do not recommend that a single individual handle a product or set of products that individually or together weighs more than 25 kg. If the product/set of products weighs more, it should be handled by more than one person or using mechanical machinery.
- When the preformed parts are transported with forklifts, the forks must be as open as possible.
- The preformed parts can be cut with a plasterboard saw or manually, by marking them with a cutting element (cutter) and folding them along the mark. We recommend using mechanical protection gloves, as per Standards EN 420 and EN 388. If using mechanical tools, carefully follow the manufacturers' instructions.

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

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Makes it a reality