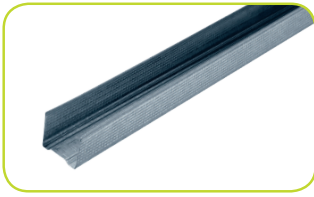


## PLADUR® U PROFILE

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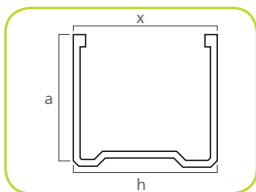
### DESCRIPTION

U-shaped metal profile, built in low-carbon steel sheets, that have been hot-dip galvanised in a continuous line, for subsequent cold-forming. The wings have a special knurling indentation that helps the screwing processes. The combination of high-quality steel, a solid and thick surface layer and a production process based on cutting-edge profiling and stamping technology provides the Pladur® U Profile with excellent anti-corrosion protection and great mechanical resistance.



### APPLICATIONS

Forms part of the load-bearing structure in shelving units and work site fittings built with Pladur® Alveo boards. Can be used in determined Pladur® plasterboard continuous ceilings, as a perimeter profile that determines the plane

### PROFILE DESIGN



### TECHNICAL SPECIFICATIONS

FEATURE	VALUE
Type of steel	DX51D
Lining	ZINC LAYER (Z140)
Thickness (e) (mm)	0.55
Upper width (mm)	31
Lower width (h) (mm)	31
Wing-height (a) (mm)	30
Approximate weight (kg/m)	0.41
Reaction to fire performance	A1 (Does not contribute to fire)
Applicable regulations/standards	EN-14195 
Quality stamps	

### DIMENSIONS

DIMENSION (MM)	LENGTH (MM)
30	2400
31	2400

### TOLERANCES

FEATURE	VALUE
Thickness	± 0.05 mm
Width	± 2 mm Upper (x) ± 0.3 mm Lower (h)
Wing-height (a)	± 0.3 mm
Length	± 3 mm
Angular dimensions	± 2°
Straightness	≤ L/400 mm (L= nominal length)
Torsion (h/W)	≤ 0.1 (h=space / W=nominal width)

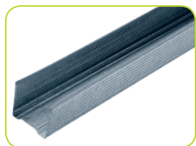
### PRESENTATION

#### Profile printing/labelling

The following information is printed in black inkjet on the outer face of one of the wings: Pladur® Logo, profile name, length, galvanisation system, thickness, harmonised standards/regulations, fire reaction performance, CE mark, supplier code and production batch (date and time).

#### Packaging

Units / Package	12
Packages / Pallet	44 (11H x 4V)
Other information	The profiles are grouped in packages with white polypropylene strips bearing the Pladur® logo screen printed in green. The packages are grouped on pallets. Each pallet has shims beneath and planks on the top to ensure stability. The number of shims and planks and their sizes vary depending on the profiles dimensions and type. The pallets, at the least, are strapped at three points to wooden clamps. The straps are tight enough to stop the pallet from moving and damaging the profiles, even when stacked at more than three levels



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### INSTALLATION

- 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

- We only guarantee the results obtained in our tests or predictions, as set out in our technical documentation, when the product is used in combination with other original Pladur® products (boards, profiles, compounds, screws and accessories).
- For detailed information on safety, please read the product safety data sheet.

### STORAGE & HANDLING

- Store horizontally, on a dry and flat surface, preferably protected from sunlight and rain.
- We recommend handling the product with care during installation, taking special care to avoid hitting against other objects or persons and causing accidental damage or injury. A product or set of products should not be transported manually by a single individual, when they weigh, individually or together, 25 Kg or more. When the product/products exceed this weight, they should be transported by various persons or using mechanical devices.
- We recommend wearing mechanical protection gloves when handling the profiles, as advised in Standards EN 420 and EN388.

Customer Service  
**+34 902 023 323**  
[info@pladur.com](mailto:info@pladur.com)  
[www.pladur.com](http://www.pladur.com)



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

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Makes it a reality