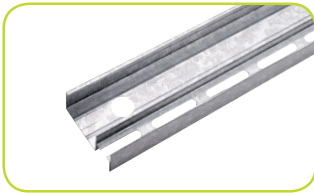


## PLADUR® CH STUD

02a07001EN - Rev. 10/2015



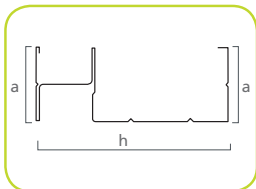
### DESCRIPTION

CH galvanised cold-pressed steel sheet profile, with round perforations ( $\varnothing$  25 mm) permitting the attachment of fittings. The profile sides have indented shafts and a special knurled indentation to assist in 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® CH studs with excellent anti-corrosion protection and great mechanical resistance.


### APPLICATIONS

When assembled in the channel with the equivalent dimensions, the stud becomes part of the load-bearing structure of the partitions and wall linings in Pladur® CH plasterboard systems, characterised by the fact that the board assembly process can be carried out from only one side of the partition. This factor makes this system especially suitable for closing off spaces or openings or when treating lifts or other types of partitions where it is hard to access the other side.

### PROFILE DESIGN



### TECHNICAL SPECIFICATIONS

FEATURE	VALUE
type of steel	DX51D
Lining	ZINC LAYER (Z140)
Lower width (h) (mm)	90
Thickness (e) (mm)	0.7
Wing-height (a) (mm)	35
Angles	90°
Moment of inertia (cm <sup>4</sup> )	15.84
Number of perforations	12 ( $\varnothing$ 25) (the first hole its at a distance of 100 mm from the edge. The rest are every 300 mm)
Peso aproximado (kg/m)	1.25
Reaction to fire performance	A1 (Does not contribute to fire)
Applicable regulations/standards	EN-14195 

### PROFILE RANGE

DIMENSION (MM)	LENGTH (MM)
90	3600

### TOLERANCES

FEATURE	VALUE
Thickness	$\pm$ 0.05 mm
Width	$\pm$ 0.4 mm
Wing-height (a)	$\pm$ 0.8 mm
Length	$\pm$ 4 mm (3000 < L $\leq$ 5000 mm)
Angular dimensions (core-wings)	$\pm$ 1°
Straightness	$\leq$ L/400 mm (L= nominal length)
Torsion (h/W)	$\leq$ 0.1 (h=space / W=nominal width)

### PRESENTATION

#### Profile printing/labelling

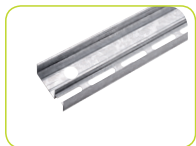
The following information is printed in black inkjet on the outer face of one of the wings: Pladur® Logo, profile name, length, galvanisation system, thickness, harmonised standards/regulations, fire reaction performance, CE mark, supplier code and production batch (date and time).

#### Packaging

Units / Package	10
Packages / Pallet	10
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

### 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).



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### 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 EN 388.

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

This document is provided as a guideline only and refers to installations and applications based exclusively on the use of PLADUR® materials in accordance with the specifications contained herein. Any use or installation based on PLADUR® materials that does not follow the recommendations and parameters set out in this document must be confirmed with the Yesos Ibéricos S.A Technical Department first. PLADUR® is a registered trademark belonging to Yesos Ibéricos, S.A. Published July 2015. This publication is considered valid save for any typographic or transcription error. All rights reserved, including the incorporation of improvements or amendments.

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