

PLADUR® PH 45 PROFILE

02a04002EN - Rev. 10/2015



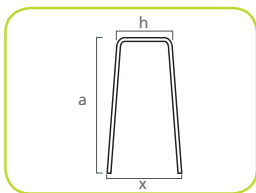
DESCRIPTION

Galvanised low-carbon steel profile, cold-worked into a "V" shape, with a thickness of 0.8 mm. The core (metrics 6 and 8) and the wings (metric 8) are perforated, with alternate holes every 10 cm. The wings are die-cut sequentially every 10 cm in a "fork" shape.


APPLICATIONS

Together with Pladur® T-47 profiles, these profiles form the load bearing structure of a false ceiling.

PROFILE DESIGN



TECHNICAL SPECIFICATIONS

FEATURE	VALUE
Type of steel	DX51D
Lining	ZINC LAYER (Z140)
Length (L) (mm)	4.000
Thickness (e) (mm)	0.8
Lower width (h) (mm)	33.5
Upper width (x) (mm)	22
Wing-height (a) (mm)	43.5
Approximate weight (kg/m)	0.57
N° of perforations and n° forks	* CORE PERFORATIONS: 40 (The distance between the first perforation of metric 8 and the edge is 22.5 mm. The distance between the first perforation of metric 6 and the edge is 50 mm) * WING PERFORATIONS: 39 (The distance between the first drill hole and the edge is 100 mm) * FORKS: 40 (The distance between the axis of the first fork and the edge is 50 mm)
Distance between the axes of the perforations and between the fork axes	100
Reaction to fire performance	A1 (Does not contribute to fire)
Applicable regulations/standards	EN-14195 

TOLERANCES

FEATURE	VALUE
Thickness	± 0.6 mm
Width	± 0.3 mm Upper (x) ± 0.3 mm Lower (h)
Wing-height (a)	± 0.3 mm
Length (L)	± 4 mm (3000 < L ≤ 5000 mm)
Angular dimensions (core-wings)	± 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	32
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 profile's 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 in force and applicable in the area where the installation takes place must be respected at all times.
- For any queries as to the installation or technical support, please contact our Customer Service and Technical Assistance number **+34 902 023 323** or write to the e-mail address **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

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