

# Metal profiles UW 100x50x100, 1mm NIDA Metal

## Technical Data Sheet

### Description:

**NIDA Metal UW 100x50x100, 1mm** is a galvanized sheet steel metal profile, 1 mm thick, with a “U” shaped section, manufactured by cold working on profiling machines with rollers.

### Characteristics:

Reference standard	SR EN 14195
Material	DX51D+Z - according to EN 10346
Fire reaction class	A1 - according to SR EN 14195 și EN 13501-1
Length	3000 mm ± 3mm
Width	50 mm ±0,2
Height	100 mm ±0,2
Nominal thickness	1 mm ± 0.06mm
Galvanization degree	minimum 100 g/m <sup>2</sup> on both sides Zn coating thickness = minimum 7 μm
Net weight	1.97 kg/ml
Resistance	minimum 140 N/mm <sup>2</sup>
Testing	according to SR EN 14195
Content of hazardous substances	No releases of hazardous substances exceeding the permissible level - according to SR EN 14195
Labeling/markings	Printing “NIDA METAL UW 100x50” length, width, date, batch
Packaging	12 pcs./package
Reference standard	SR EN 14195
SAP code	4062291

### Use:

► **NIDA Metal UW50** profiles are used for guiding and fixing support profiles (CW) for the construction of the metal structure for walls or NIDA System linings (guide profile).

The updated technical data sheet available on Siniat website, on the product page.

Direct link: [Metal Profiles UW 100x50x100 NIDA Metal](#)



Resistance to corrosion



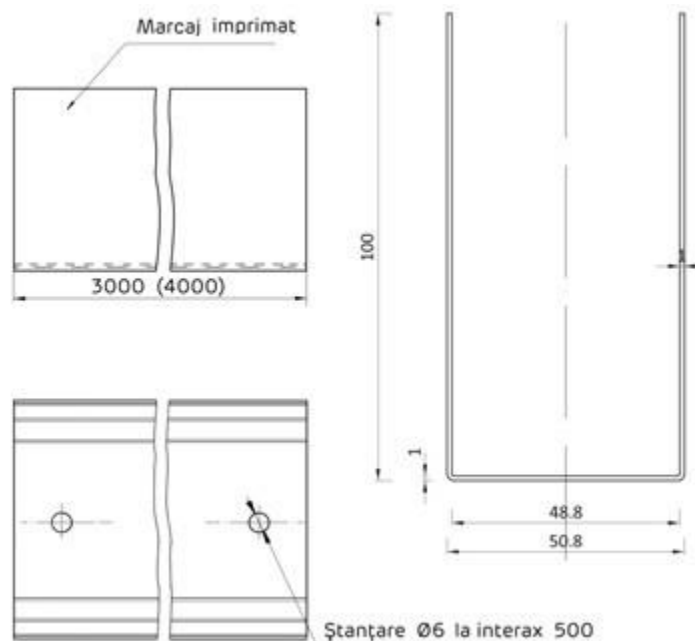
High technical performance



Durability



Recyclable product



### Technical specifications:

- ▶ Galvanization provides corrosion protection, maintaining the properties over time.
- ▶ The profile surfaces can be ribbed, shaped or have protruding edgings.

### Recommendations, storage and transport:

- ▶ Store the products in covered areas, away from weather and protected from excessive humidity.
- ▶ When handling and transporting, it should be taken into account that the impact with hard bodies can cause local deformations.

### Certification:

- ▶ The product meets the SR EN 14195 standard requirements on “Metal framing components for plasterboard systems: Definitions, requirements and test methods”
- ▶ The product is in compliance with:
  - G.D. No. 1022/2002 on the products and services that may endanger life, health and safety and environment
  - G.D. No. 622/2004 with subsequent modifications and completions establishing the conditions for marketing of construction products, the provisions on compliance, specifications and technical guidance documents.

### Safety measures:

- ▶ The product is not classified as hazardous, presents no risk, it is not harmful and does not endanger the life, health or safety of its users if used in normal conditions, according to its intended use.
- ▶ When assembling, take into account that the edges can cause cuts, and wearing protection gloves is recommended.