

# Metal profiles CW50 NIDA Metal

## Technical Data Sheet

### Description:

**Nida Metal CW 50** is a galvanized sheet steel metal profile, 0.6 mm thick, with a “C” shaped section, manufactured by cold working on profiling machines with rollers.

### Characteristics:

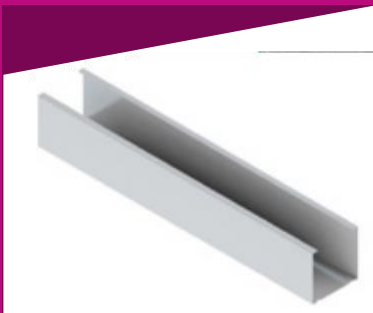
Reference standard	DIN 18182-1:2007	
Material	tape OL DX51D+Z according to SR EN 10346/2009	
Fire reaction class	A1	
Length*	3000 mm ±3 4000 mm ±4	
Width	48,8 mm ±0,2	
Height	edge 1	50 mm ±3
	edge 2	48,8 mm ±3
Nominal thickness	0.6 mm ±0.06	
Galvanization	minimum 100 g/m <sup>2</sup> on both sides Zn coating thickness = minimum 7.1µm	
Net weight	0,71 kg/ml	
Resistance	180 N/mm <sup>2</sup>	
Testing	according to SR EN 14105:2005-5	
Content of hazardous substances	None: according to EU regulations	
Labeling/markings	Printing “NIDA METAL CW50” length, width, date, batch	
Packaging	12 pcs./package 144 pcs./pallet	
European standard	SR EN 14195:2006	
SAP code	length 3000 mm	4042727
	length 4000 mm	4042732

\*Upon request, custom sizes can be manufactured, up to 6000 mm.

### Use:

► **NIDA Metal CW 50** profiles can be used for the construction of the vertical metal structure of walls (“W”) or for NIDA system boards (beam profile), by assembly into the guide profiles, for fixing NIDA boards.

The updated technical data sheet available on Siniat website, on the product page.  
Direct link: [Metal profiles CW50 NIDA Metal](#)





Resistance to corrosion



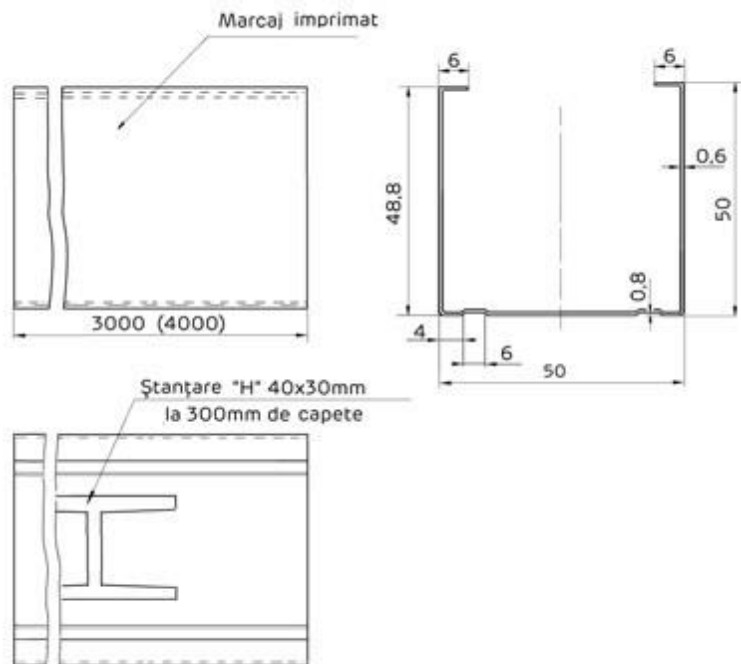
Technical performance



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.

### Certification:

- ▶ The product meets the requirements of Standard EN 14195 on “Metal framing components for gypsum 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.

- ▶ When handling and transport, please consider the impact with hard bodies can cause local deformations.

### 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.