

Metal profiles

UW50 NIDA Metal

Technical Data Sheet

Description:

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

Characteristics:

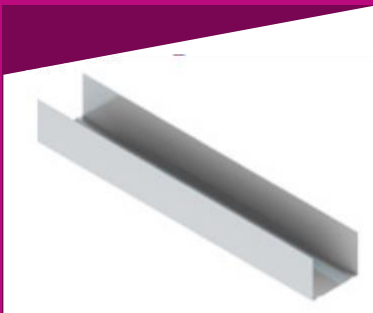
Reference standard	DIN 18182-1:2007	
Material	tape OL DX51D+Z according to SR EN 10346/2009	
Fire reaction class	A1	
Length*	3000 mm ±3 4000 mm ±4	
Width	50 mm ±0,2	
Height	edge 1	40 mm ±0,5
	edge 2	40 mm ±0,5
Nominal thickness	0.6 mm ±0.06	
Galvanization	minimum 100 g/m ² on both sides Zn coating thickness = minimum 7.1µm	
Net weight	0,60 kg/ml	
Resistance	180 N/mm ²	
Testing	according to SR EN 14105:2005-5	
Content of hazardous substances	none: according to EU regulations	
Labeling/markings	Printing “NIDA METAL UW50” length, width, date, batch	
Packaging	12 pcs./package 144 pcs./pallet	
European standard	SR EN 14195:2006	
SAP code	length 3000 mm	4042763
	length 4000 mm	4042764

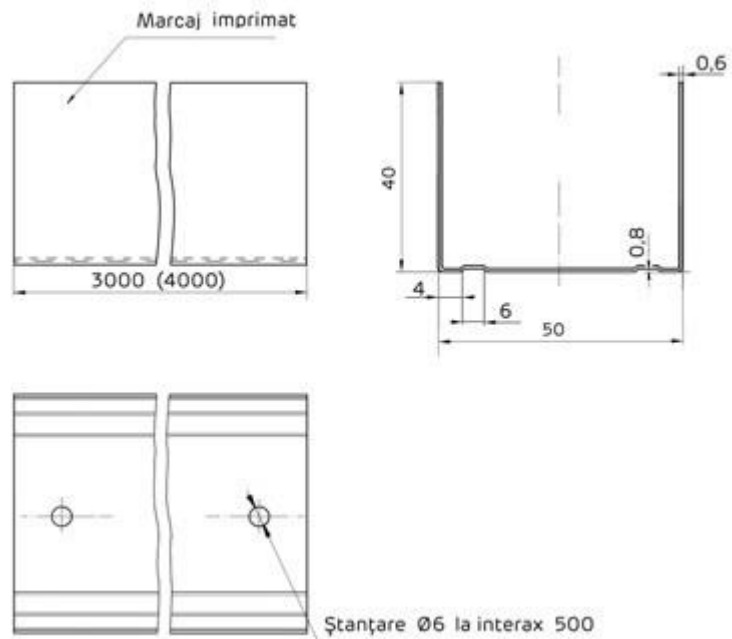
Use:

► **NIDA Metal UW100** 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 UW50 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; along the

Recommendations, storage and transport:

- ▶ Store the products in covered areas, away from weather and protected from excessive humidity.
- ▶ When handling, please consider 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.