

**PRODUCT  
CATALOGUE**







## ABOUT US

Expanding its volume in the sector with the investment decision taken in 2005, UMS established **the first and only Steel Service Center** in its region and provided fast, quality and solution-oriented services for the special size galvanized sheet requests demanded with its length cutting line, trapezoidal line and slitting line.

Starting its export adventure in 2010, it has managed to export to **more than 17 countries**, consisting of Europe, North Africa and Turkic Republics, especially Norway, Sweden, Denmark, France.

In 2018, the company took new steps in terms of quality and received **TS EN ISO 9001** Quality Management System Certificate, **TS EN ISO 14001** Environmental Management System Certificate, **TS OHSAS 18001** Occupational Health and Safety Management System Certificate, **ISO 14025** and **TS EN 15804** Environmental Product Declaration (EPD) for Steel Profile and Accessories.

UMS Uğur Metal Sanayi took its first step in the sector in **1999** by trading galvanized and painted galvanized sheet metal in Ankara Östim OIZ. In a very short time, he managed to stand out in his own sector with his principled attitude and high-quality understanding.

UMS, which crowned the importance it attaches to quality by obtaining **TS EN ISO 9001** Quality Management Certificate in 2006, has become a Steel Service Center that makes a difference with its quality certificate.

Continuing its growth and development in the sector with its investments, **the company has become the fastest producer brand in Turkey** with the largest profile production capacity and producing gypsum and gypsum board profiles, exterior profiles and connection accessories with new production lines added to its body in 2013.



In 2020, **UMS Reform Suspended Ceiling Profiles** with a completely new design and surface texture with new profile lines with emboss technology were developed and added to the product portfolio.

In 2019, together with **Atilim University Material Forming and Excellence Center**, **UMS Power Ceiling Profiles**, which show an upper thickness performance in suspended ceiling systems compared to their counterparts, have been developed and started to be produced. The developed design has been registered by obtaining the Utility Model Certificate.

In the ASO 2 region in Temelli, 38 production centers, 8000 m2 closed and 4000 m2 open, with a total area of 12000 m2, Turkey's largest and highest production capacity profile factory has been opened.

Today, UMS, which continues its production activities /with all its speed and stability, continues to carry out its production activities with its annual **120 thousand tons of SSS production capacity, 150 million meters of profile production capacity** and modern machines, galvanized cold forming steels and galvanized non-alloy structural steels.

Since the first day he stepped into the sector, by adopting customer satisfaction, after-sales service, quality and reliability as principles, he continues to make a difference in the sector with the philosophy of always being **"one step ahead"** in innovation, technology and development, reaching the European markets he targets and taking firm steps forward.





# MESSAGE FROM THE GENERAL MANAGER

UMS's Steel Service Center, which serves for one of the most important materials of the construction sector, the flat steel sheet sector, is vital for the production of profiles and accessories, as it is among the sectors that change very rapidly with the effect of global trends.

The effect of global trends negatively affects the sales and pricing policies of the companies in the sector from time to time, resulting in price-indexed results rather than quality-indexed results in product/service presentation. These results have a negative effect by bringing an understanding that prioritizes price, not quality, under competitive conditions.

Despite these negative effects, UMS continues to keep up to date with the most modern and advanced technology machines in the production lines and continues its technological investment processes. UMS, which is aware of the importance of digitalization and high technology in the developing and transforming industrial sector, continues its systematic transformation by providing the requirements of the standards with its management approach, which is aware of its effect on productivity and meeting customer expectations.

UMS, which takes strategic steps towards the future with its R&D investments, acts with the philosophy of being one step ahead by designing innovative products, molds, and high-tech benches.

UMS is one of the rare companies in the world that owns a Steel Service Center and designs and manufactures high-tech roll-form benches.

UMS, which continues its sales and marketing activities in Turkey with its TSE certified products, also produces products in accordance with European standards and provides products/services to many countries in Asia, Africa and Europe in the field of exportation, which has become increasingly important in recent years.

While UMS continuously strengthens its competitiveness with planned investment strategies, it adopts a managerial approach that provides a healthy working environment to its personnel, creates a qualified personnel network by training its personnel, and respects its customers and the environment.

As part of this managerial approach, I thank and respect our esteemed colleagues, families, customers, suppliers, and all stakeholders who have contributed greatly to the arrival of our company in these days and who are committed to their work with love and respect.

**Hakkı USTA**  
**General Manager**  
MSc Mechanical Manager



# VISION and MISSION

## Our Vision;

By providing quality, reliable and qualified service, to fulfill the requests and expectations of our customers at the highest level and to ensure the satisfaction of our customers and employees.

## Our Mission;

Always one step ahead and be the best. What we mean by being the best is to be a model company that has provided the satisfaction of our customers and is preferred by them, sensitive to the environment, friendly and socially responsible.

# OUR PRINCIPLES



**Team Spirit**



**Competition**



**Reputation**



**Qualification**



**Customer Satisfaction**



**Environmental Awareness**



**Training**



**Speed and Availability**



**Leadership**



**Creativity**



**Trust**





# QUALITY POLICY

It is our basic principle to accept quality as a way of life in order to provide the highest quality products and services in order to maintain our respect and existence towards our customers.

We believe that a participatory working environment, qualified and trained personnel, healthy working conditions, environmental awareness, compliance with time and changing conditions are the main elements that feed quality.

Our Quality Policy provides a framework for the establishment of our quality objectives and the review of our quality management system.

## *Basic principles in the implementation of our quality policy;*

- Knowing the mission, vision and values of UMS Uğur Metal Sanayi, assimilating and acting in accordance with them,
- Establishing production and product quality in accordance with the requirements of ISO 9001:2015 adopted as Quality Management System,
- To ensure the continuity of the Quality Management System and to make “Continuous improvement” a “UMS Working Style”,
- To keep the system conditions under control and to place this awareness in all employees until the products are delivered to the customer without error and customer approval is obtained at every stage of production,
- To provide products and services that fully respond to the changing needs of customers with a customer-oriented working approach, to meet customer needs with R&D or P&D activities, when necessary,
- Our field of activity is to follow the technological developments in the domestic and foreign markets in the profile/flat product sector and the national and international norms and standards changing accordingly,
- To increase the knowledge, skills, and competencies of the employees at all levels and to carry out the necessary training activities to act with “superior quality awareness” in order to fulfill all the requirements and conditions of Quality System Management,
- To use our resources effectively and efficiently, to operate the Quality Management System in integration with the Environmental Management System (EMS) and Occupational Health and Safety Management System (OHSMS),
- To establish an appropriate working environment with an effective internal communication atmosphere in order to achieve the goals within the determined vision and undertaken mission and to continuously improve its effectiveness.



# ENVIRONMENTAL POLICY

## *Basic principles in the implementation of Environmental Policy in UMS;*

- Knowing the mission, vision and values of UMS Uğur Metal Sanayi, assimilating and acting in accordance with them,
- In accordance with the requirements of ISO 14001: 2015, which has been adopted as an Environmental Management System, to keep the damage that may be caused to nature -air, water, soil- at the lowest level, to grant the right to life to other living creatures living in nature,
- In order to protect the environment and minimize possible damage, to apply the Environmental Management System effectively, to fulfill the system conditions and national/legal legislation requirements completely and not to allow any environmental accidents by making risk analyzes,
- To keep the wastes and emissions that may arise in all processes of production -solid, liquid, gas- at a minimum level, to use all resources, including energy, efficiently, to reuse those that are possible and to take all necessary actions for these purposes,
- To ensure the continuity of environmental protection activities with the Environmental Management System, to increase the “Environmental Awareness and Awareness” of all employees, to make “Environmental Continuous Improvement” a “UMS Lifestyle”,
- To ensure that individual and/or institutional responsibilities related to the environment within the scope of the integrated system are realized and to work within these responsibilities with continuous training and development,
- To ensure the spread of ‘Environmental Awareness’ at national and international level by sharing our environmental approach with our customers and all stakeholders.



# OCCUPATIONAL HEALTH and SAFETY POLICY

While performing our services as UMS Uğur Metal Sanayi, we have determined the provision of safe working conditions in all our activities and the safe completion of operations as a priority goal. In line with this goal, all operational activities will be effectively controlled to prevent personal injury, loss of life, damage to health and property and destruction of the environment within the framework of the OHS Management System.

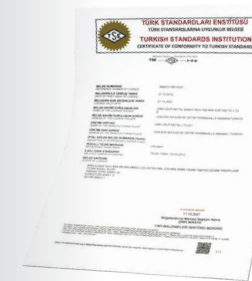
## Basic principles for the implementation of Occupational Health and Safety Policy in UMS;

- Knowing the mission, vision and values of UMS Uğur Metal Sanayi, assimilating and acting in accordance with them,
- Establishing working conditions in the most appropriate way with the principle of continuous improvement, monitoring these conditions continuously,
- To take the necessary measures against all the risks defined in the risk analysis, to evaluate the measures taken and to make the necessary changes,
- To establish the working conditions of the employees in accordance with the system requirements and legal legislation requirements in accordance with the requirements of ISO 45001:2018, which is adopted as the Occupational Health & Safety Management System, and to ensure the occupational health and safety of the employees continuously,

- Working with the “zero accident” goal,
- In order to ensure corporate development, to work with the principle of continuous training, with the awareness that the individual development of employees is also essential,
- Creating an emergency response plan and keeping the necessary human resources and other equipment continuously available, revising and performing planned/unplanned exercises, ensuring that all personnel participate in the exercises effectively,
- To carry out all necessary activities to increase the motivation, awareness and awareness of the employees, to provide infrastructure opportunities, to increase the awareness of the importance of the “human factor” within the integrated system,
- To ensure that employees are aware of individual and/or corporate responsibilities and work within these responsibilities with continuous training and development within the scope of OHSMS.



# CERTIFICATES



TSE EN 13964



TSE EN 14195



TSE EN 14353



EPD CERTIFICATE



TS EN ISO 9001 - 2015



TS EN ISO 14001 - 2015



TS ISO 45001 - 2018



UTILITY MODEL CERTIFICATE

certificates



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## Information

## Material Analysis (m²)

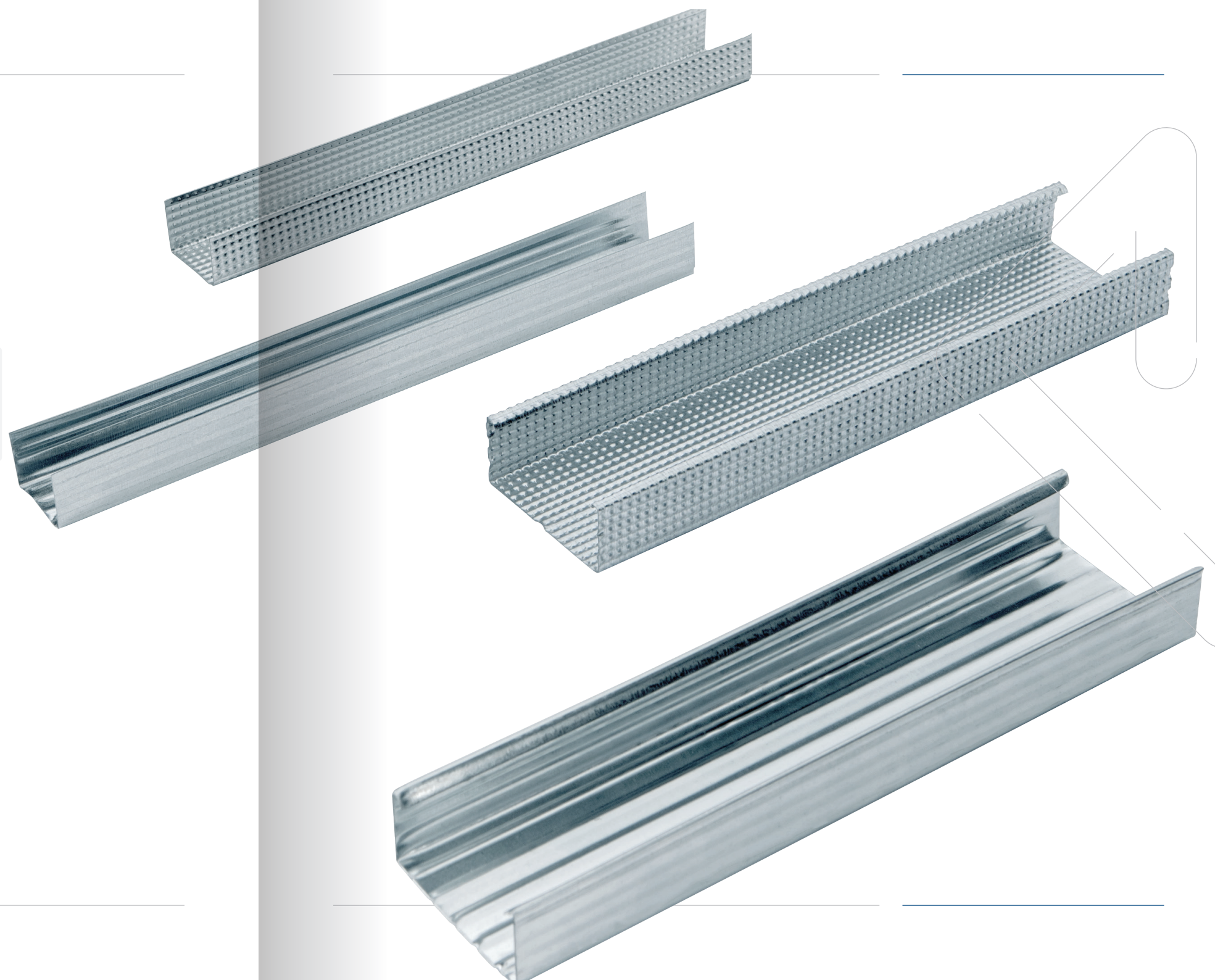
## Product Packaging Details





## **SUSPENDED CEILING PROFILES**

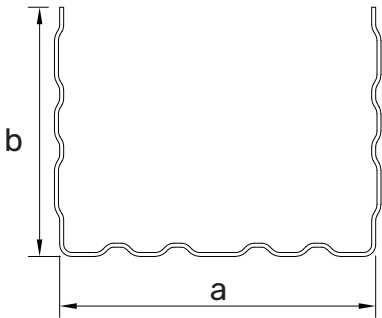
suspended  
ceiling  
profiles







## CEILING U POWER PROFILE



### Definition

These are non-carrier profiles that allow Carrier Ceiling C profiles and plaster boards produced by cold forming method from hot-dip galvanized steels to be on the balance.

### Technical Specifications

- Thickness : 0,35 mm – 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 24 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

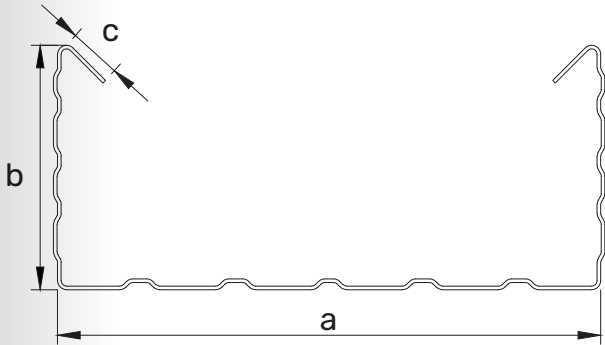
Ceiling C Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,35	28	22	0,1315	0,3680
0,40	28	22	0,1508	0,4224
0,45	28	22	0,1702	0,4772
0,50	28	22	0,1898	0,5325
0,60	28	22	0,2293	0,6444
0,40	28	24	0,1900	0,4529
0,45	28	24	0,2145	0,5116
0,50	28	24	0,2391	0,5709
0,60	28	24	0,2887	0,6908
0,45	28	27	0,2938	0,5632
0,50	28	27	0,3274	0,6284
0,60	28	27	0,3950	0,7604

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## CEILING C POWER PROFILE



### Definition

These are the profiles used as the main and secondary carrier in suspended ceiling systems produced by cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Thickness : 0,40 mm – 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Ceiling U Profile, Screws and UMS Accessories

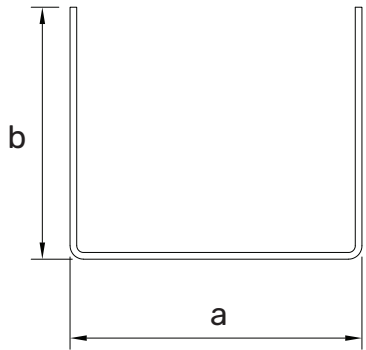
Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	60	27	6	0,4822	3,0452
0,45	60	27	6	0,5391	3,4149
0,50	60	27	6	0,5951	3,7823
0,60	60	27	6	0,7050	4,5098

\* Contact our technical unit for effective inertial moments to be used in static calculations.



YENİ  
DÜNYADA İLK VE TEK

## CEILING U EcoForm PROFILE



### Definition

These are non-carrier profiles that allow Carrier Ceiling C EcoForm profiles and plaster boards to be on the balance produced by cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Thickness : 0,30 mm – 0,50 mm
  - Length : 3000 mm standard size\*
  - Packaging : 24 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Ceiling C EcoForm Profile, Screws and UMS Accessories

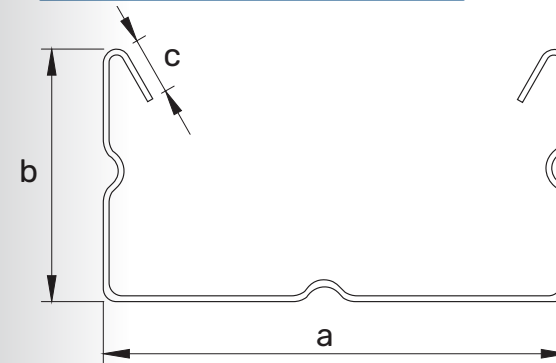
Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,30	25	22	0,1126	0,2500
0,35	25	22	0,1318	0,2931
0,40	25	22	0,1512	0,3366
0,45	25	22	0,1706	0,3805
0,50	25	22	0,1902	0,4248

\* Contact our technical unit for effective inertial moments to be used in static calculations.



YENİ  
DÜNYADA İLK VE TEK

## CEILING C EcoForm PROFILE



### Definition

These are the profiles used as the main and secondary carrier in suspended ceiling systems produced by cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Thickness : 0,40 mm – 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

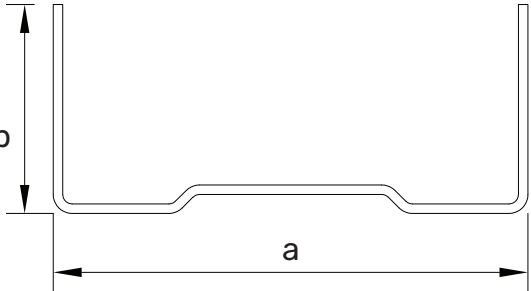
Ceiling U EcoForm Profile, L Corner Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	42	25	6	0,3130	1,2448
0,45	42	25	6	0,3440	1,3841
0,50	42	25	6	0,3733	1,5199
0,60	42	25	6	0,4270	1,7810

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# CEILING OMEGA U PROFILE



## Definition

These are the main carrier profiles that carry the Ceiling Omega profiles and the system in suspended ceiling systems, produced by cold forming method from hot-dip galvanized steels.

## Technical Specifications

- Thickness : 0,45 mm – 0,50 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

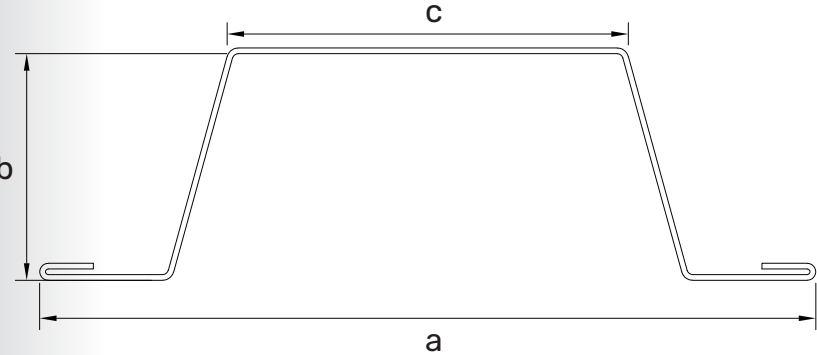
Ceiling Omega Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	38	11	0,0236	0,5351
0,50	38	11	0,0260	0,5914

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# CEILING OMEGA PROFIL



## Definition

These are secondary carrier profiles used in suspended ceiling systems produced by cold forming method from hot-dip galvanized steels by connecting to Omega Ceiling U profiles with special clips.

## Technical Specifications

- Thickness : 0,45 mm – 0,50 mm
  - Length : 3000 mm standard size\*
  - Packaging : 6 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

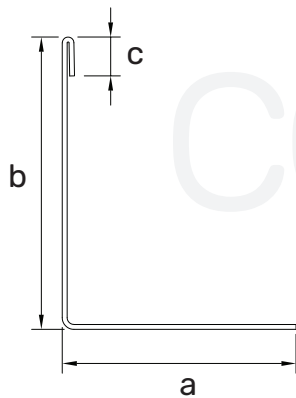
Ceiling Omega U Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	68	22	35	0,3703	2,1572
0,50	68	22	35	0,4117	2,4044
0,45	83	22	50	0,4070	3,8084
0,50	83	22	50	0,4527	4,2427

\* Contact our technical unit for effective inertial moments to be used in static calculations.



### CEILING L CORNER PROFILE



#### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, allowing Carrier Ceiling C 47 profiles and plaster boards to be on the balance.

#### Technical Specifications

- Thickness : 0,40 mm – 0,60 mm
- Length : 3000 mm standard size\*
- Packaging : 25 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

#### Complementary Products

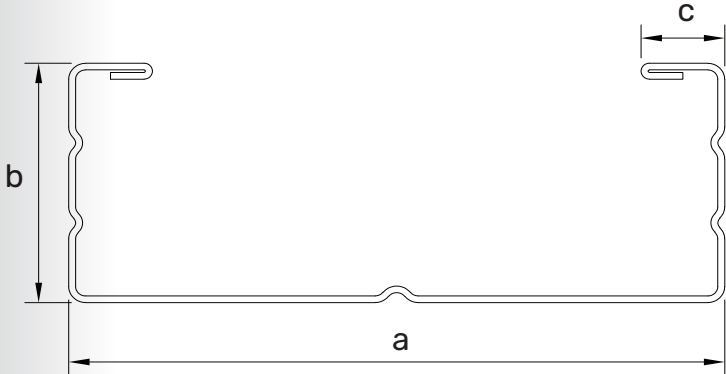
Ceiling C 47 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	24	30	4	0,0635	0,3194
0,45	24	30	4	0,0712	0,3578
0,50	24	30	4	0,0789	0,3959
0,60	24	30	4	0,0942	0,4712
0,40	24	35	4	0,0716	0,4396
0,45	24	35	4	0,0804	0,4927
0,50	24	35	4	0,0891	0,5455
0,60	24	35	4	0,1063	0,6497

\* Contact our technical unit for effective inertial moments to be used in static calculations.



### CEILING C 47 PROFILE



#### Definition

These are the carrier profiles used in single-frame suspended ceiling systems produced by cold forming method from hot-dip galvanized steels.

#### Technical Specifications

- Thickness : 0,50 mm – 0,60 mm
- Length : 3000 mm standard size\*
- Packaging : 12 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

#### Complementary Products

Ceiling L Corner Profile, Screws and UMS Accessories

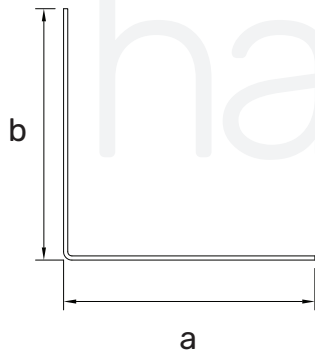
Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	47	18	6	0,2454	1,6893
0,60	47	18	6	0,2878	2,0039

\* Contact our technical unit for effective inertial moments to be used in static calculations.





## L CORNER HANGER PROFILE



### Definition

These are the bearing profiles that provide the connection of the Ceiling Omega U profile with the ceiling in Omega Profile Suspended Ceiling applications produced by cold forming method from hot dip galvanized steels.

### Technical Specifications

- Thickness : 0,70 mm – 0,80 mm
  - Length : 3000 mm standard size\*
  - Packaging : 25 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

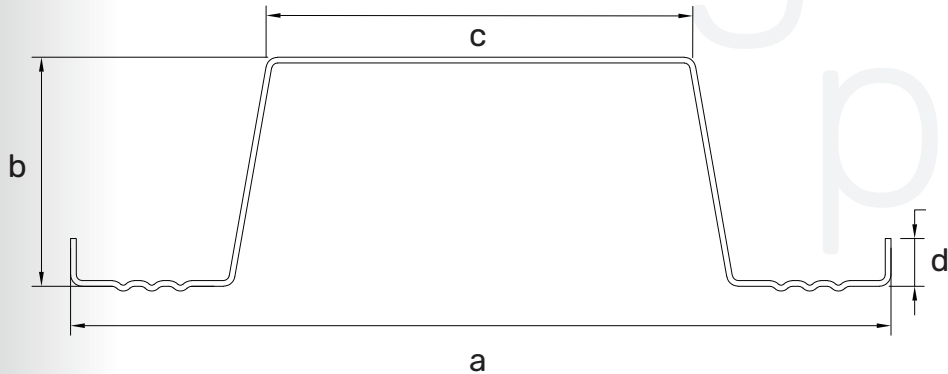
Ceiling Omega Profile, Ceiling Omega 45 Profile

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,70	25	25	0,0855	0,3496
0,80	25	25	0,0970	0,3971
0,70	30	30	0,1493	0,6083
0,80	30	30	0,1696	0,6917

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## CEILING OMEGA 45 PROFILE



### Definition

These are secondary carrier profiles used in suspended ceiling systems produced by cold forming method from hot-dip galvanized steels, by connecting to Omega Ceiling U profiles with special clips.

### Technical Specifications

- Thickness : 0,45 mm – 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 10 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Ceiling Omega U Profile, Screws and UMS Accessories

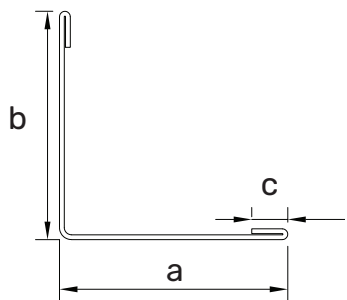
Thickness (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	86	24	45	5	0,6169	4,1700
0,50	86	24	45	5	0,6835	4,6224
0,60	86	24	45	5	0,8181	5,5207

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# PAINTED CEILING SURROUNDING PROFILE

TS EN  
13964



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, used to balance metal suspended ceiling carrier system components.

## Technical Specifications

- Thickness : 0,40 mm
- Length : 3000 mm standard size\*
- Packaging : 50 pcs/carton
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Paint Code : RAL 9016 (White)

- Galvanized Thickness : Z100
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

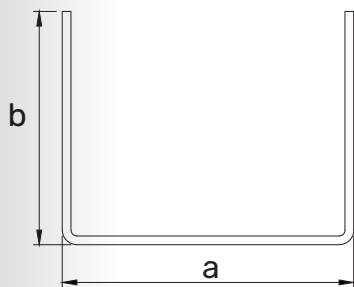
Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	19	19	3	0,0284	0,1210

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# SPECIAL U PROFILE



## Definition

These are the profiles that are produced by cold forming method from hot-dip galvanized steels, which allow the carrier box profiles and the plaster board suspended ceiling in the metal construction installed in the construction of plaster board suspended ceilings to be on the scale.

## Complementary Products

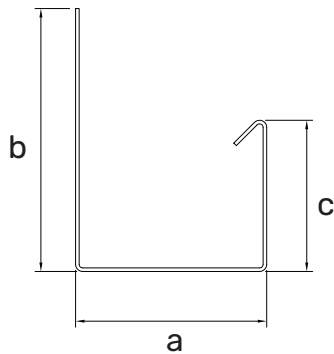
Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
1,00	20	30	0,5782	0,7241
1,20	20	30	0,6759	0,8568
1,50	20	30	0,8121	1,0485
1,00	30	40	1,8272	1,8374
1,20	30	40	2,1662	2,1707
1,50	30	40	2,6366	2,6727
1,00	40	40	2,0228	3,4494
1,20	40	40	2,4051	4,0815
1,50	40	40	2,9652	4,9950
1,00	50	40	2,1875	5,6450
1,20	50	40	2,6054	6,6942
1,50	50	40	3,2111	8,2197
1,00	60	40	2,3281	8,4742
1,20	60	40	2,7708	10,0642
1,50	60	40	3,4208	12,3856

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## SEISMIC U PROFILE



### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels and suitable for use with seismic clips with their clawed structure, which allows the construction to be on the balance in seismic suspended ceiling systems.

### Technical Specifications

- Thickness : 0,50 mm – 0,60 mm
- Packaging : 6 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

### Complementary Products

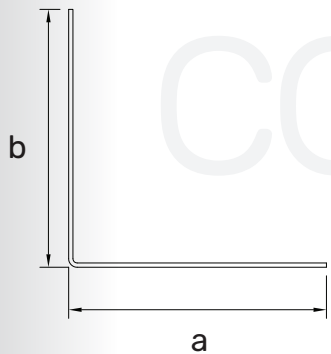
Ceiling C Profile, Seismic Clip, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	32	44	27	0,6643	1,2188
0,60	32	44	27	0,7831	1,4522

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## CEILING L CORNER PROFILE



### Definition

These are non-carrier profiles that allow Carrier Ceiling C profiles and plaster boards produced by cold forming method from hot-dip galvanized steels to be on the balance.

### Technical Specifications

- Thickness : 0,35 mm – 0,60 mm
- Length : 3000 mm standard size\*
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

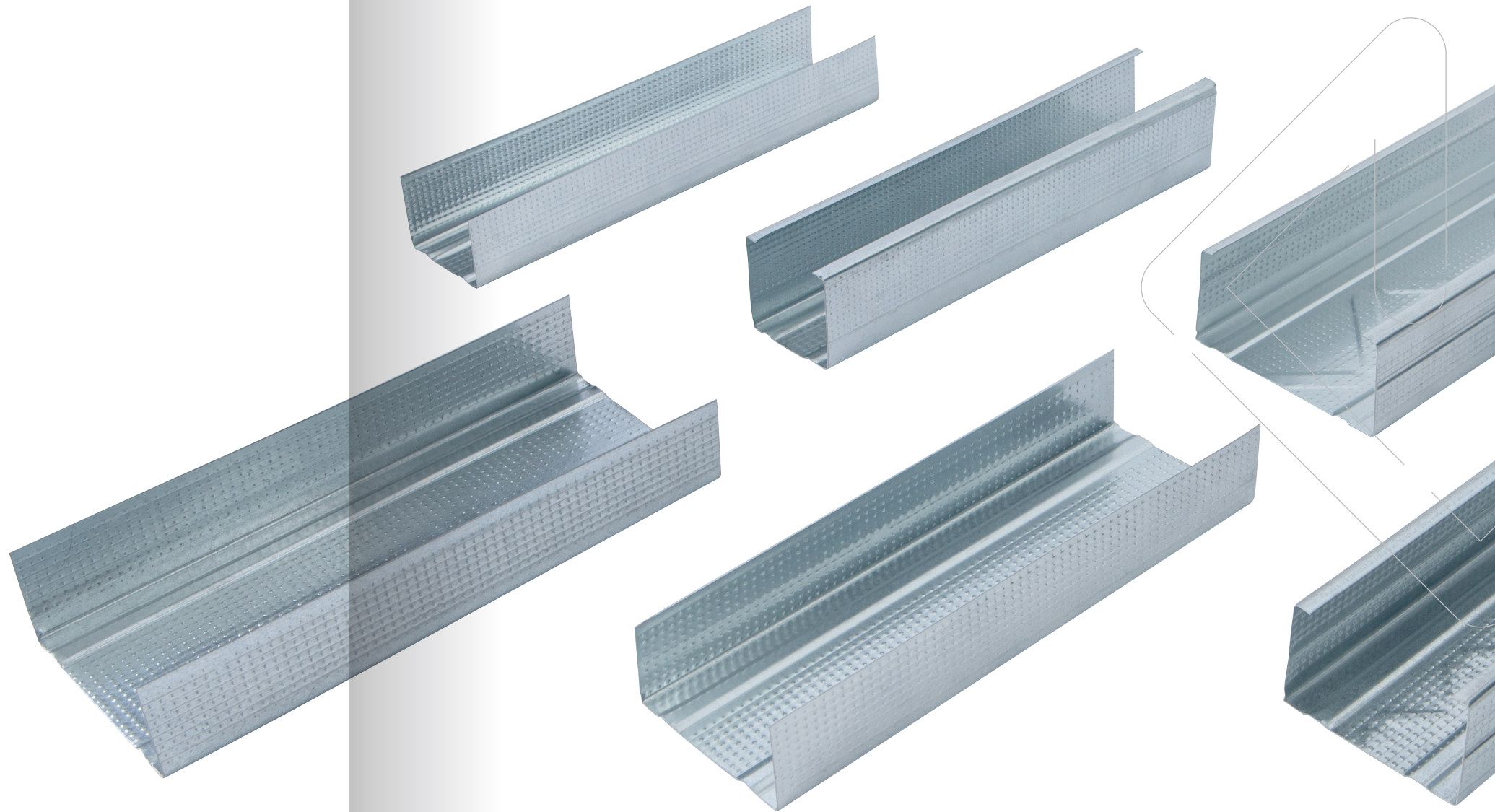
Ceiling C Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)
0,35 - 0,50	22	22
0,40 - 0,50	25	25
0,40 - 0,50	30	30
0,40 - 0,50	35	35
0,45 - 0,60	50	50

\* Contact our technical unit for effective inertial moments to be used in static calculations.

## **PARTITION WALL PROFILES**

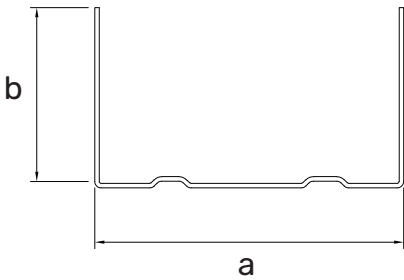
partition  
wall  
profiles







# WALL U 48 PROFILE



## Definition

These are non-carrier profiles that allow Wall C 48 profiles produced by cold forming method from hot-dip galvanized steels to be on the balance.

## Technical Specifications

- Thickness : 0,45 mm – 0,80 mm
- Length : 3000 mm standard size\*
- Packaging : 0,45 mm - 0,60 mm: 12 pcs/bundle  
0,70 mm - 0,80 mm: 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

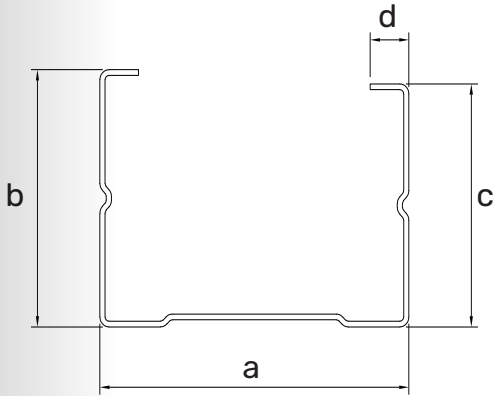
Wall C 48 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	48	28	0,3773	1,8722
0,50	48	28	0,4204	2,0858
0,60	48	28	0,5072	2,5164
0,70	48	28	0,5949	2,9517
0,80	48	28	0,6836	3,3915

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 48 PROFILE



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 48 profile.

## Technical Specifications

- Thickness : 0,45 mm – 0,80 mm
- Length : 3000 mm standard size\*
- Packaging : 0,45 mm - 0,60 mm: 12 pcs/bundle  
0,70 mm - 0,80 mm: 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

Wall U 48 Profile, Screws and UMS Accessories

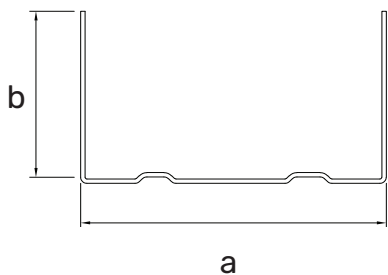
Thickness (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	47	36	34	6	0,9234	2,3843
0,55	47	36	34	6	1,0200	2,6379
0,60	47	36	34	6	1,2098	3,1385
0,70	47	36	34	6	1,3950	3,6303
0,80	47	36	34	6	1,5757	4,1134

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL U 50 PROFILE

TS EN  
14195



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 50 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,35 mm – 0,70 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

Wall C 50 Profile, Screws and UMS Accessories

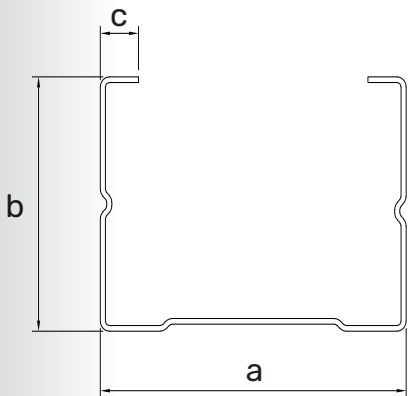
Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,35	50	24	0,1961	1,378
0,40	50	24	0,2235	1,5706
0,40	50	30	0,4116	1,8659
0,45	50	30	0,4619	2,0937
0,50	50	30	0,5120	2,3203
0,60	50	30	0,6113	2,7700
0,40	50	38	0,7816	2,2595
0,45	50	38	0,8775	2,5356
0,50	50	38	0,9731	2,8104
0,60	50	38	1,1631	3,3557
0,70	50	38	1,3516	3,8956

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 50 PROFILE

TS EN  
14195



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 50 profile.

## Technical Specifications

- Thickness : 0,40 mm – 1,00 mm
  - Length : 3000 mm standard size\*
  - Packaging : 0,45 mm – 0,60 mm: 12 pcs/bundle  
0,70 mm – 1,00 mm: 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

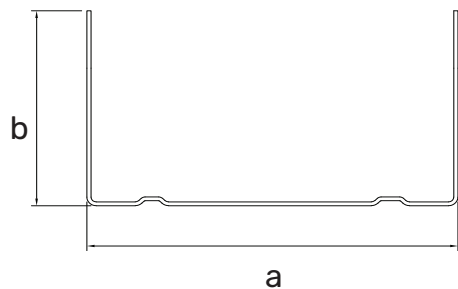
Wall U 50 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	49	35	6	0,8508	2,2071
0,45	49	35	6	0,9470	2,4734
0,50	49	35	6	1,0476	2,7394
0,60	49	35	6	1,2462	3,2662
0,45	49	42	6	1,4862	2,8476
0,50	49	42	6	1,6451	3,1543
0,60	49	42	6	1,9595	3,7621
0,45	49	47	6	1,9642	3,1127
0,50	49	47	6	2,1750	3,4484
0,60	49	47	6	2,5924	4,1135
0,80	49	47	6	3,4099	5,4198
0,90	49	47	6	3,8101	6,0610
1,00	49	47	6	4,1655	6,6314

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## WALL U 68 PROFILE



### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 68 profiles to be on the balance.

### Technical Specifications

- Thickness : 0,50 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

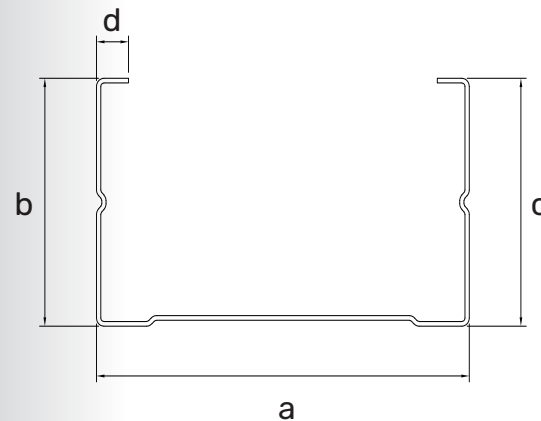
Wall C 68 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	68	40	1,2319	5,7942
0,50	68	55	2,9156	7,5028

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## WALL C 68 PROFILE



### Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 68 profile.

### Technical Specifications

- Thickness : 0,50 mm
  - Length : 3000 mm standard size\*
  - Packaging : 12 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

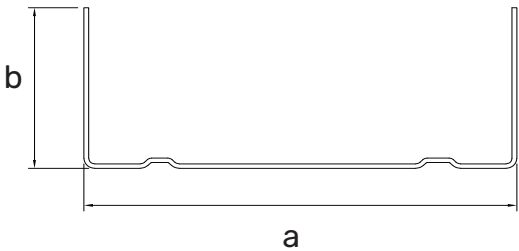
Wall U 68 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	67	42	42	6	1,8336	6,3460

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## WALL U 70 PROFILE



### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 70 profiles to be on the balance.

### Technical Specifications

- Thickness : 0,40 mm - 0,80 mm
- Length : 3000 mm standard size\*
- Packaging : 0,45 mm - 0,60 mm: 12 pcs/bundle  
0,70 mm - 0,80 mm: 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

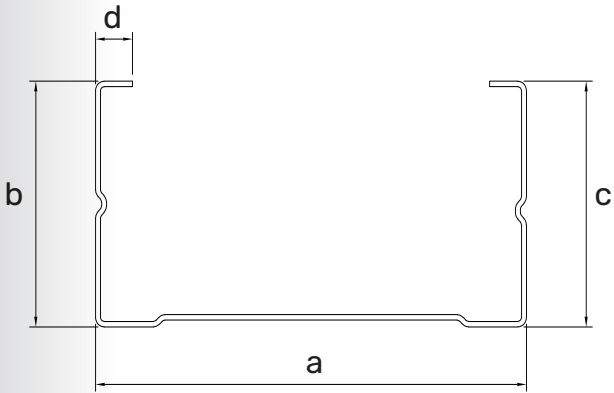
Wall C 70 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	70	28	0,4443	4,4376
0,50	70	28	0,4950	4,9404
0,60	70	28	0,5970	5,9519
0,70	70	28	0,7002	6,9712
0,80	70	28	0,8444	7,9989
0,50	70	40	1,2434	6,1840
0,50	70	55	2,9440	7,9953

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## WALL C 70 PROFILE



### Definition

They are carrier profiles produced by cold forming method from hot-dip galvanized steels and used in interior partition wall and curtain wall applications by passing them into the Wall U 70 profile.

### Technical Specifications

- Thickness : 0,45 mm - 0,80 mm
- Length : 3000 mm standard size\*
- Packaging : 0,45 mm - 0,60 mm: 12 pcs/bundle  
0,70 mm - 0,80 mm: 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Wall U 70 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	d (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	69	36	34	6	1,0372	5,5526
0,50	69	36	34	6	1,1459	6,1481
0,60	69	36	34	6	1,3594	7,3265
0,70	69	36	34	6	1,5679	8,4882
0,80	69	36	34	6	1,7713	9,6331
0,50	69	42	42	6	1,8520	6,7771

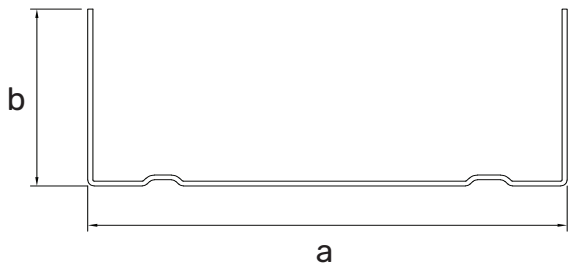
\* Contact our technical unit for effective inertial moments to be used in static calculations.





# WALL U 75 PROFILE

TS EN  
14195



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 75 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,35 mm - 0,60 mm
- Length : 3000 mm standard size\*
- Packaging : 12 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

Wall C 75 Profile, Screws and UMS Accessories

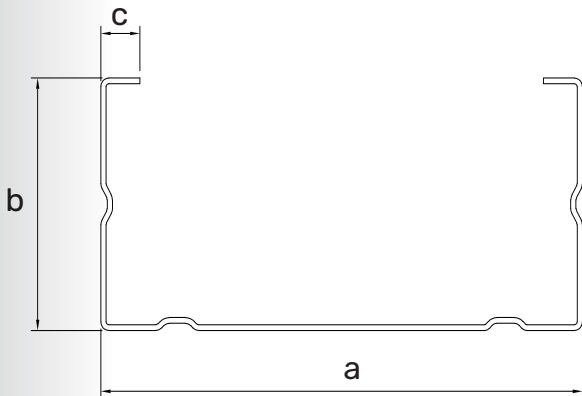
Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,35	75	24	0,2226	3,4871
0,40	75	24	0,2536	3,9751
0,40	75	30	0,4662	4,6991
0,45	75	30	0,5232	5,2766
0,50	75	30	0,5800	5,8521
0,60	75	30	0,6926	6,9964
0,40	75	38	0,8908	5,5895
0,45	75	38	1,002	6,2770
0,50	75	38	1,1092	6,9621

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 75 PROFILE

TS EN  
14195



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 75 profile.

## Technical Specifications

- Thickness : 0,40 mm - 1,00 mm
- Length : 3000 mm standard size\*
- Packaging : 0,40 mm - 0,60 mm: 12 pcs/bundle  
0,70 mm - 1,00 mm: 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

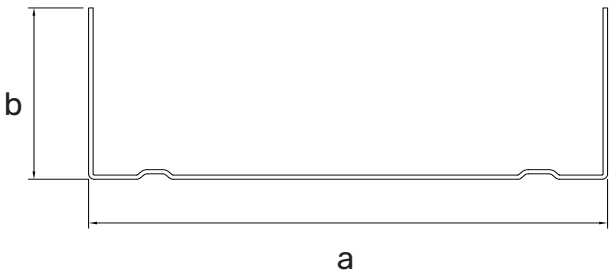
Wall U 75 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	74	35	6	0,9719	5,5607
0,45	74	35	6	1,0905	6,2668
0,50	74	35	6	1,2065	6,9461
0,60	74	35	6	1,4354	8,2946
0,45	74	42	6	1,7109	7,1188
0,50	74	42	6	1,8941	7,8915
0,60	74	42	6	2,2562	9,4260
0,45	74	47	6	2,2621	7,7274
0,50	74	47	6	2,5051	8,5668
0,60	74	47	6	2,9862	10,2341
0,80	74	47	6	3,9288	13,5235
0,90	74	47	6	4,3905	15,1456
1,00	74	47	6	4,8006	16,5928

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL U 91 PROFILE



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 91 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,40 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

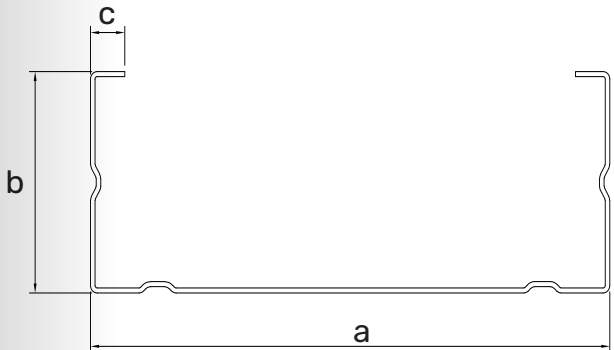
Wall C 91 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	92	33	0,6445	7,9791
0,45	92	33	0,7234	8,9584
0,50	92	33	0,8020	9,9337
0,60	92	33	0,9580	11,8723

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 91 PROFILE



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 91 profile.

## Technical Specifications

- Thickness : 0,40 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

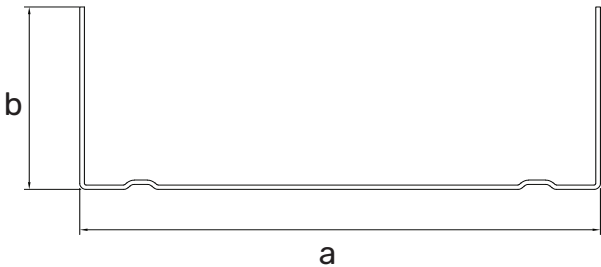
Wall U 91 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	91	35	6	1,0333	8,8242
0,45	91	35	6	1,1561	9,8980
0,50	91	35	6	1,2774	10,9653
0,60	91	35	6	1,5159	13,0807

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL U 100 PROFILE



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 100 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,40 mm - 0,70 mm
- Length : 3000 mm standard size\*
- Packaging : b=28, thickness=0,40-0,60: 12 pcs/bundle  
b=38, at all thickness 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

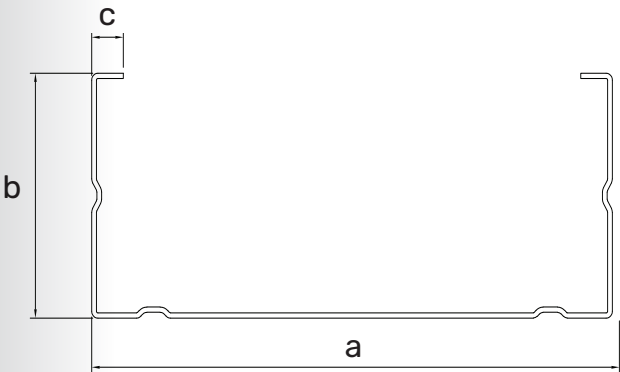
Wall C 100 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	100	28	0,4155	8,8218
0,45	100	28	0,4663	9,9097
0,50	100	28	0,5168	10,9943
0,60	100	28	0,6170	13,1537
0,40	100	38	0,9690	10,8058
0,45	100	38	1,0880	12,1395
0,50	100	38	1,2066	13,4694
0,60	100	38	1,4425	16,1178
0,70	100	38	1,6766	18,7513

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 100 PROFILE



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 100 profile.

## Technical Specifications

- Thickness : 0,45 mm - 1,00 mm
- Length : 3000 mm standard size\*
- Packaging : 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

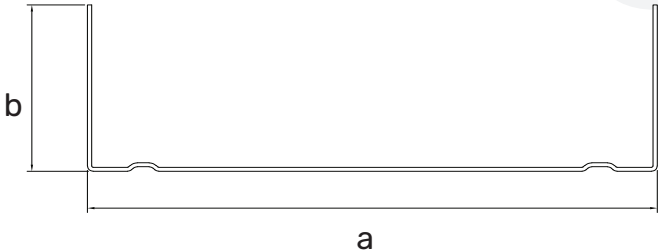
Wall U 100 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	99	35	6	1,1929	12,2341
0,50	99	35	6	1,3197	13,5657
0,60	99	35	6	1,5700	16,2125
0,45	99	42	6	1,8777	13,7638
0,50	99	42	6	2,0787	15,2636
0,60	99	42	6	2,4763	18,2458
0,45	99	47	6	2,4870	14,8564
0,50	99	47	6	2,7542	16,4764
0,60	99	47	6	3,2832	19,6892
0,80	99	47	6	4,3198	26,0962
0,90	99	47	6	4,8275	29,2185
1,00	99	47	6	5,2785	32,0324

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL U 120 PROFILE



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 120 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,45 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

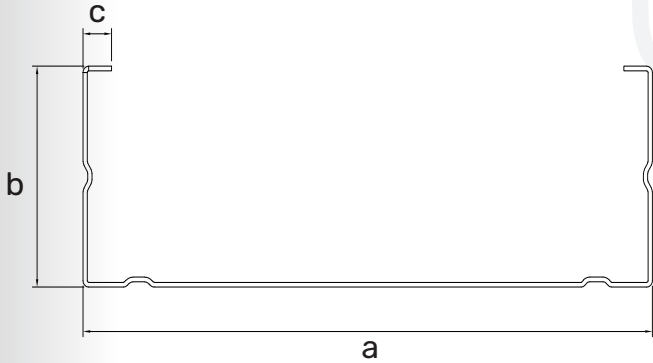
Wall C 120 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	120	40	1,3164	19,2360
0,50	120	40	1,4601	21,3476
0,60	120	40	1,7459	25,5556

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 120 PROFILE



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 120 profile.

## Technical Specifications

- Thickness : 0,50 mm - 0,80 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

Wall U 120 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	119	42	6	3,2440	23,7774
0,60	119	42	6	3,9881	31,4302
0,70	119	42	6	4,4840	36,5492
0,80	119	42	6	5,0918	41,6343

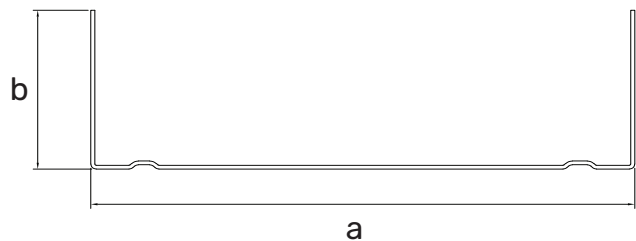
\* Contact our technical unit for effective inertial moments to be used in static calculations.





TS EN  
14195

## WALL U 125 PROFILE



### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 125 profiles to be on the balance.

### Technical Specifications

- Thickness : 0,45 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Wall C 125 Profile, Screws and UMS Accessories

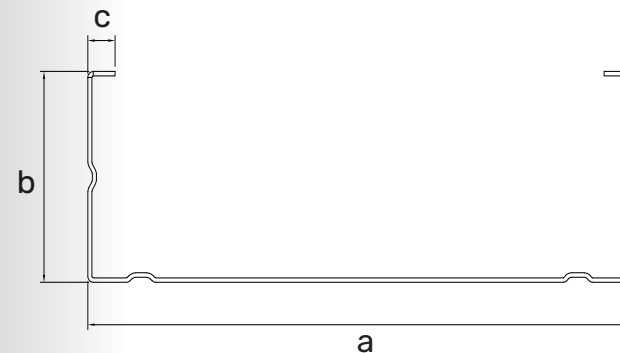
Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	125	32	0,7145	18,3803
0,50	125	32	0,7921	20,3977
0,60	125	32	0,9463	24,4175
0,45	125	40	1,3304	21,1726
0,50	125	40	1,4756	23,4978
0,60	125	40	1,7644	28,1317

\* Contact our technical unit for effective inertial moments to be used in static calculations.



TS EN  
14195

## WALL C 125 PROFILE



### Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 125 profile.

### Technical Specifications

- Thickness : 0,50 mm - 0,80 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

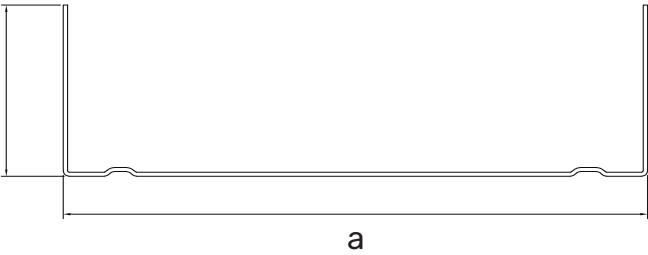
Wall U 125 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	124	49	6	3,2758	28,3305
0,60	124	49	6	3,9059	33,8882
0,70	124	49	6	4,5278	39,4101
0,80	124	49	6	5,1416	44,8962

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL U 140 PROFILE



## Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 140 profiles to be on the balance.

## Technical Specifications

- Thickness : 0,40 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 8 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

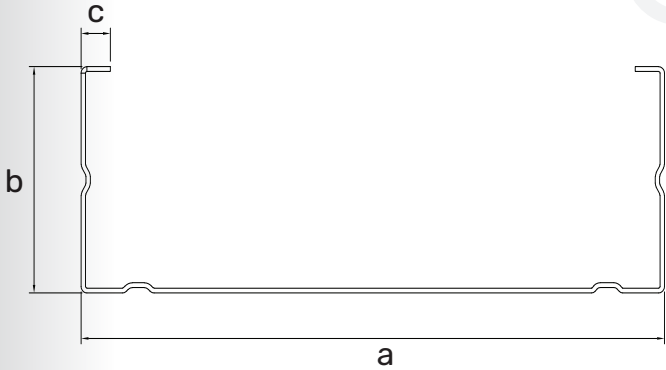
Wall C 140 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	141	33	0,7154	22,0282
0,45	141	33	0,8030	24,7445
0,50	141	33	0,8903	27,4526
0,60	141	33	1,0636	32,8442

\* Contact our technical unit for effective inertial moments to be used in static calculations.



# WALL C 140 PROFILE



## Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 140 profile.

## Technical Specifications

- Thickness : 0,40 mm - 0,60 mm
  - Length : 3000 mm standard size\*
  - Packaging : 4 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- \*Special orders are produced in the range of 2000-8000 mm.

## Complementary Products

Wall U 140 Profile, Screws and UMS Accessories

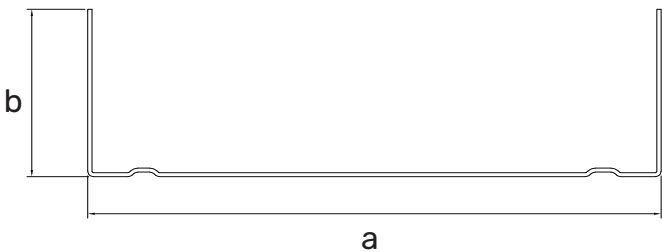
Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,40	140	35	6	1,1628	24,2289
0,45	140	35	6	1,3010	27,1937
0,50	140	35	6	1,4375	30,1444
0,60	140	35	6	1,7058	36,0037

\* Contact our technical unit for effective inertial moments to be used in static calculations.



TS EN  
14195

## WALL U 150 PROFILE



### Definition

These are non-carrier profiles produced by cold forming method from hot-dip galvanized steels, which allow the Wall C 150 profiles to be on the balance.

### Technical Specifications

- Thickness : 0,45 mm - 0,60 mm
- Length : 3000 mm standard size\*
- Packaging : 8 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Wall C 150 Profile, Screws and UMS Accessories

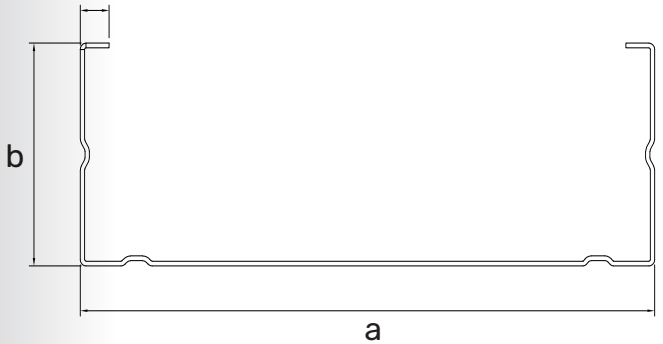
Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	150	32	0,7436	28,6145
0,50	150	32	0,8243	31,7603
0,60	150	32	0,9848	38,0319
0,45	150	40	1,3911	32,6403
0,50	150	40	1,5429	36,2304
0,60	150	40	1,8450	43,3888

\* Contact our technical unit for effective inertial moments to be used in static calculations.



TS EN  
14195

## WALL C 150 PROFILE



### Definition

These are the carrier profiles produced by cold forming method from hot-dip galvanized steels and used in indoor partition wall and curtain wall applications by inserting them into the Wall U 150 profile.

### Technical Specifications

- Thickness : 0,50 mm - 0,80 mm
- Length : 3000 mm standard size\*
- Packaging : 4 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

Wall U 150 Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	149	49	6	3,4517	43,3349
0,60	149	49	6	4,1156	51,8532
0,70	149	49	6	4,7709	60,3229
0,80	149	49	6	5,4175	68,7437

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## UA PROFILE



### Definition

These are the carrier elements produced for the installation of the door and window frame by the method of cold forming from hot-dip galvanized steels.

### Technical Specifications

- Thickness : 1,50 mm - 2,00 mm
- Length : 3000 mm standard size\*
- Packaging : 6 pcs/bundle (UA 50)  
4 pcs/bundle (UA 75 and UA 100)
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

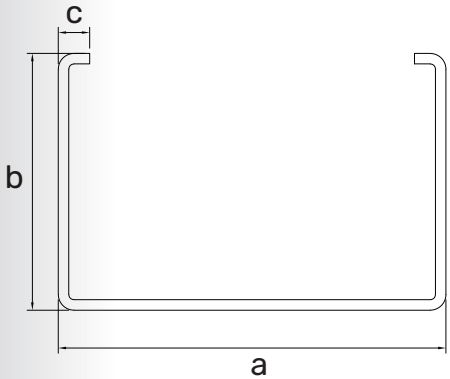
UA Bracket, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
1,50	49	40	3,1943	7,8221
2,00	49	40	4,1678	10,1177
1,50	74	40	3,6715	19,9055
2,00	74	40	4,7998	25,9527
1,50	99	40	4,0091	39,0356
2,00	99	40	5,2458	51,1057

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## SPECIAL WALL C PROFILE



### Definition

These are the carrier elements produced by cold forming method from hot-dip galvanized steels and used with wall U profiles of appropriate size at high wall openings to increase strength.

### Technical Specifications

- Thickness : 1,20 mm - 2,00 mm
- Length : 3000 mm standard size\*
- Packaging : 6 pcs/bundle (DC 50)  
4 pcs/bundle (DC 75 - DC 100)
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

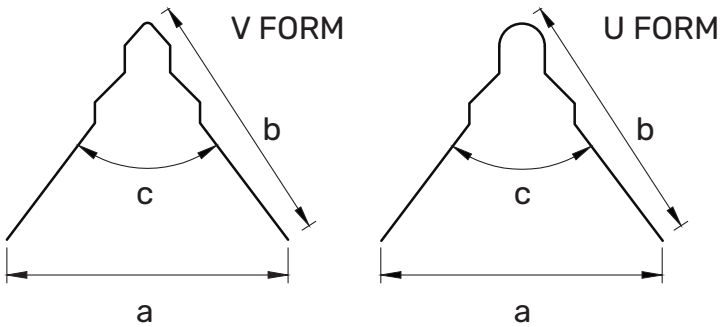
Special Wall U Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
1,20	49	49	6	5,3926	8,0424
1,50	49	49	6	6,5610	9,8316
2,00	49	49	6	8,3580	12,6276
1,20	74	49	6	6,2329	20,0957
1,50	74	49	6	7,5906	24,6824
2,00	74	49	6	9,6852	31,9532
1,20	99	49	6	6,8648	38,7660
1,50	99	49	6	8,3629	47,7361
2,00	99	49	6	10,6770	62,0643

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## ROUGH PLASTER PROFILE



### Definition

These are profiles produced by cold forming method from hot-dip galvanized steels and used to increase strength in wall and window corners.

### Technical Specifications

- Thickness : 0,30 mm - 0,50 mm
- Length : 2700-3000 mm
- Packaging : 25 pcs/bundle  
100 pcs/carton
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

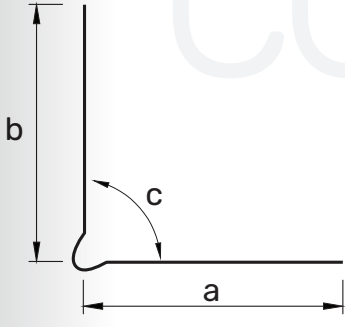
Thickness (mm)	a (mm)	b (mm)	c (°)
0,30	33	33	70°
0,35	33	33	70°
0,35	35	35	70°
0,40	35	35	70°
0,50	35	35	70°

\* Contact our technical unit for effective inertial moments to be used in static calculations.



TS EN  
14353

## PERFORATED CORNER PROFILE



### Definition

These are the profiles produced by the cold forming method from hot-dip galvanized steels and used to increase the strength at the corners of the walls and windows.

### Technical Specifications

- Thickness : 0,25 mm - 0,35 mm
- Length : 2700-3000 mm
- Packaging : 50 pcs/bundle  
50 tie/pallet
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

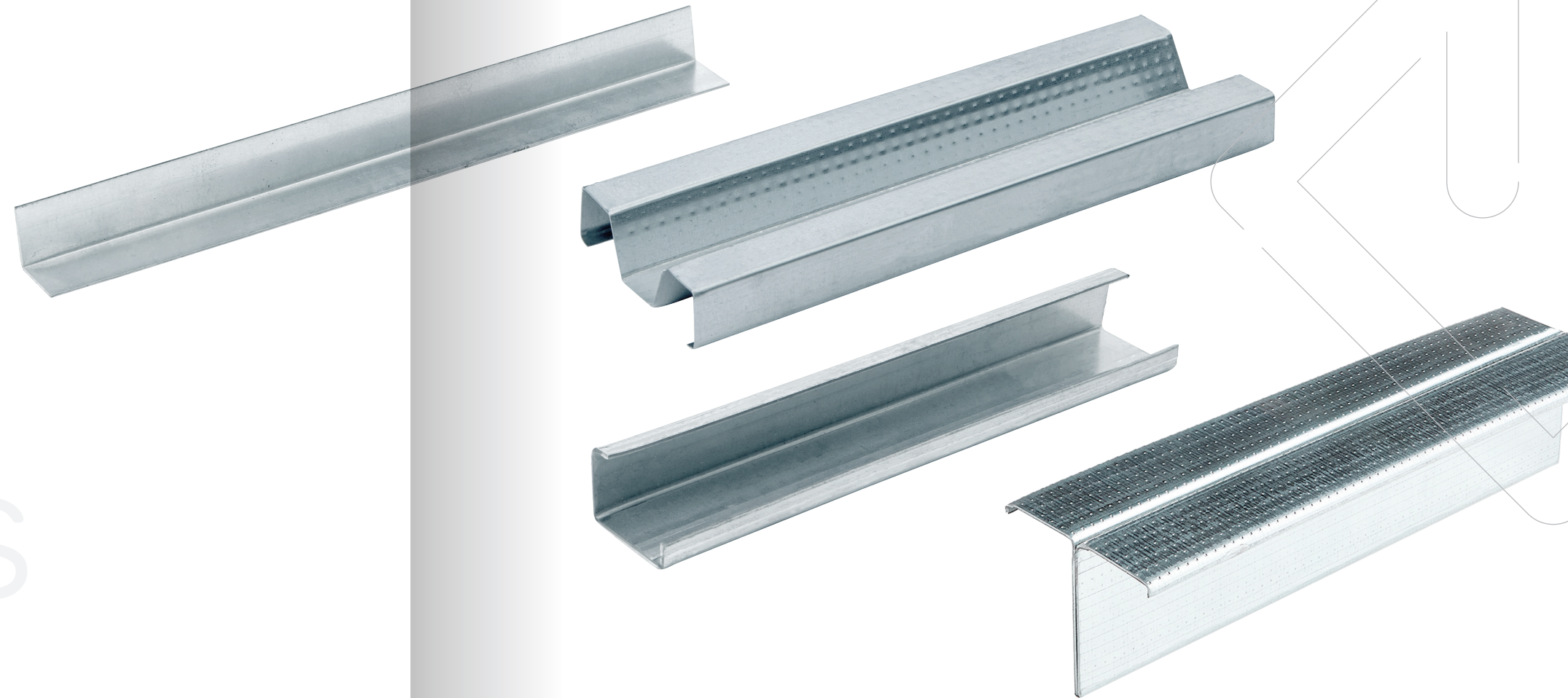
Thickness (mm)	a (mm)	b (mm)	c (°)
0,25	20	20	86°
0,30	20	20	86°
0,35	20	20	86°
0,30	21	21	86°
0,35	21	21	86°
0,35	23	23	86°

\* Contact our technical unit for effective inertial moments to be used in static calculations.



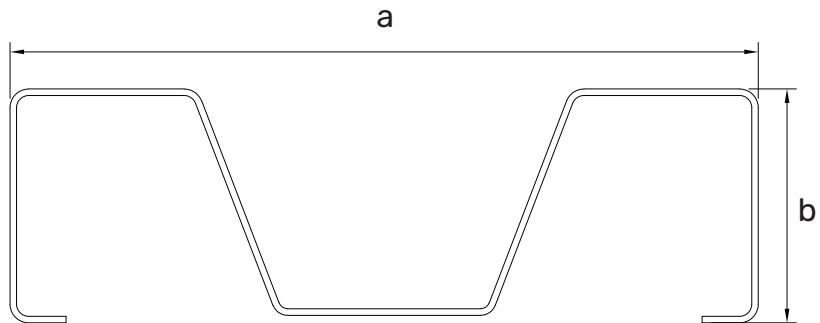
## EXTERIOR WALL PROFILES

exterior  
wall  
profiles





## M PROFILE



### Definition

These are the profiles produced by the cold forming method from hot-dip galvanized steels, which are attached to the box or J profiles and form a bearing surface on the cemented plates vertically.

### Complementary Products

J Profile, L Bracket and Screws

### Technical Specifications

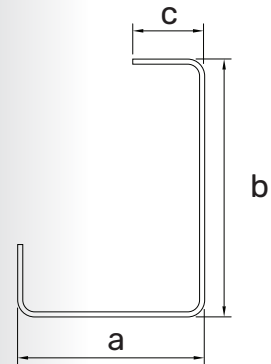
- Thickness : b=22 thickness: 0,45 mm – 0,60 mm  
b=25 thickness: 0,45 mm – 1,00 mm
  - Length : 3000 mm standard size\*
  - Packaging : 5 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,45	80	25	0,6549	6,2244
0,50	80	25	0,7258	6,9012
0,60	80	25	0,8667	8,2435
0,80	80	25	1,144	10,8907
1,00	80	25	1,4171	13,4885
0,45	80	22	0,4920	5,5905
0,50	80	22	0,5452	6,1963
0,60	80	22	0,6591	7,6429

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## J PROFILE



### Definition

These are the profiles produced by the cold forming method from hot-dip galvanized steels, which are connected to the L brackets and form a supporting surface to the M profiles horizontally.

### Complementary Products

M Profile, L Bracket and Screws

### Technical Specifications

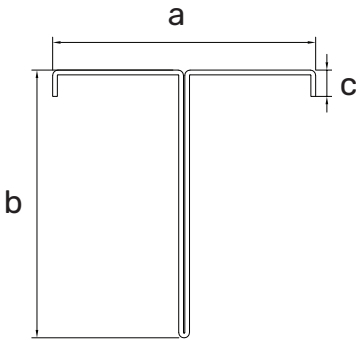
- Thickness : 1,50 mm – 2,00 mm
  - Length : 3000 mm standard size\*
  - Packaging : 10 pcs/bundle
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100, Z140, Z275
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140$  N/mm<sup>2</sup>
- \*Special orders are produced in the range of 2000-8000 mm.

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
1,50	28	38	11	0,7773	2,7041
2,00	28	38	11	0,9728	3,4127

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## CT PROFILE



### Definition

These are profiles produced by cold forming method from hot-dip galvanized steels, which are attached to L brackets and form a bearing surface on vertical plaster-based or cemented sheets.

### Technical Specifications

- Thickness : 0,90 mm
- Length : 3000 mm standard size\*
- Packaging : 6 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

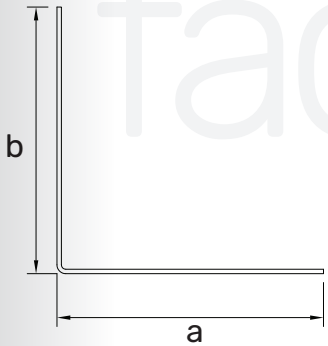
L Corner Facade Profile, L Bracket, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	c (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,90	50	50	5	1,3597	3,7284

\* Contact our technical unit for effective inertial moments to be used in static calculations.



## L CORNER FACADE PROFILE



### Definition

These are the non-carrier profiles used to increase the strength in the plate corners produced by the cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Thickness : 0,50 mm
- Length : 3000 mm standard size\*
- Packaging : 25 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)

- Galvanized Thickness : Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

\*Special orders are produced in the range of 2000-8000 mm.

### Complementary Products

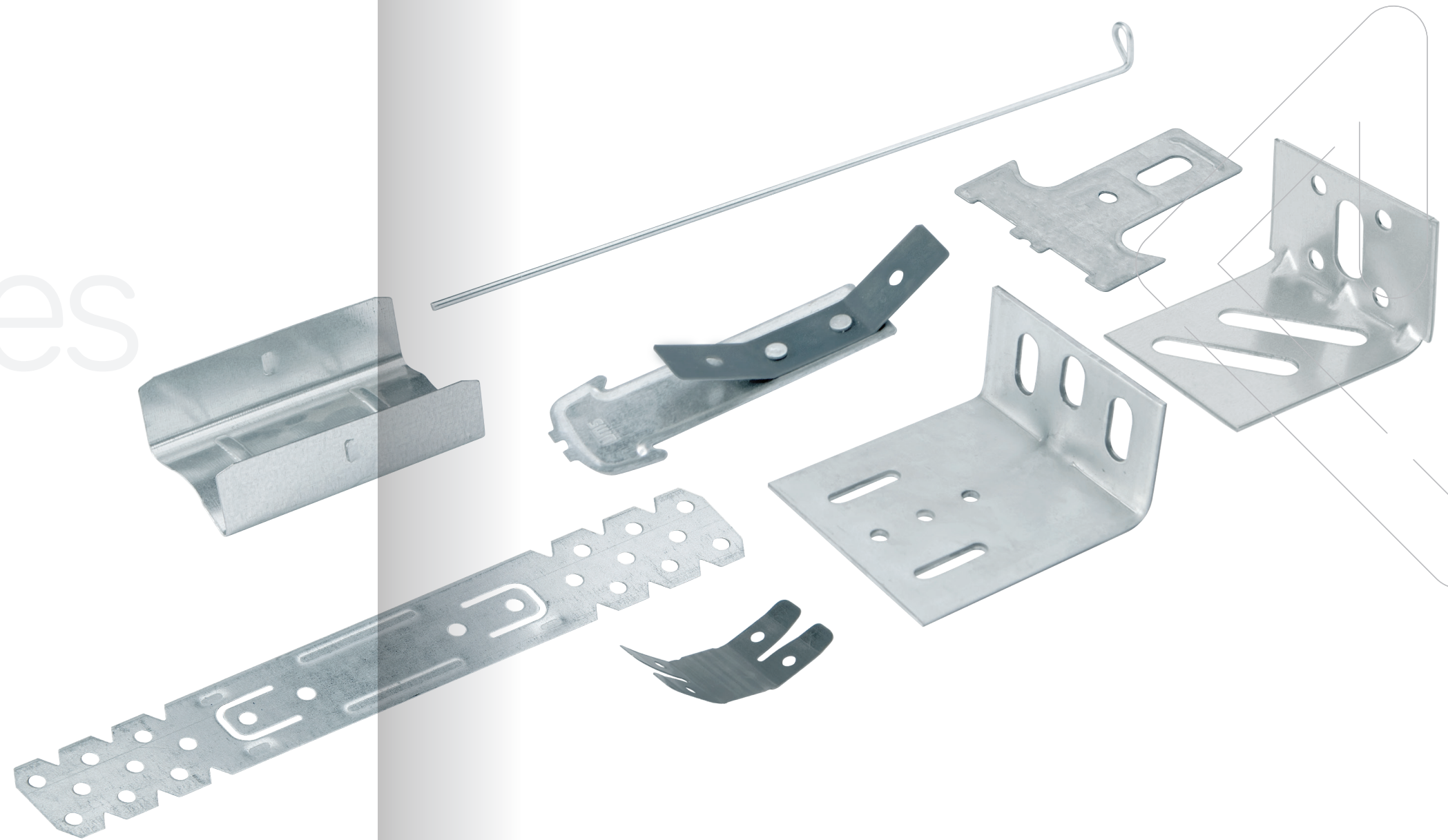
M Profile, CT Profile, Screws and UMS Accessories

Thickness (mm)	a (mm)	b (mm)	Ix* (cm <sup>4</sup> )	Iy* (cm <sup>4</sup> )
0,50	30	30	0,1079	0,4389
0,50	50	50	0,5080	2,0523

\* Contact our technical unit for effective inertial moments to be used in static calculations.

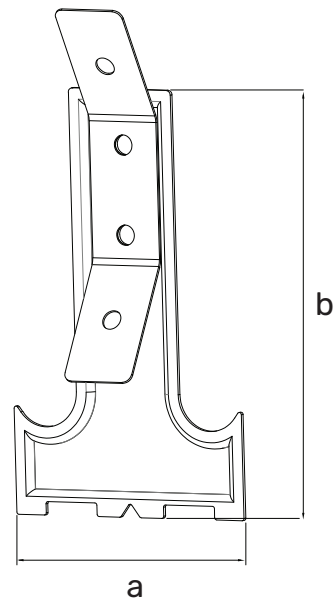
## ACCESSORIES

accessories





## HANGER CLIPS



hanger  
clips

### Definition

In the metal construction established in the Suspended Ceiling construction, they are the fasteners that are passed into the Main and Secondary Carrier Ceiling C Profiles and hung on the steel wall plugs mounted on the reinforced concrete ceiling with the help of suspension rods and ensure the suspension of the system.

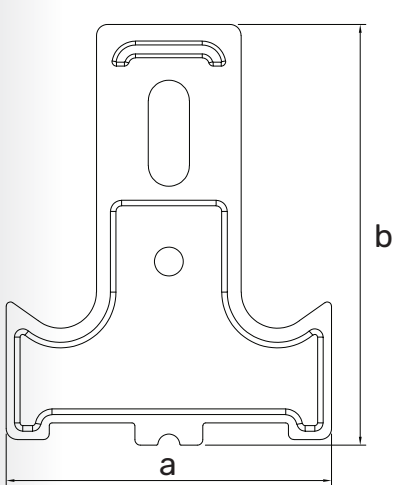
### Technical Specifications Complementary Products

- Packaging : 500 pcs/box
  - Steel Type : DX51D (Clip)
  - Galvanized Thickness : Z100
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- Ceiling C Profile, Suspension Rod

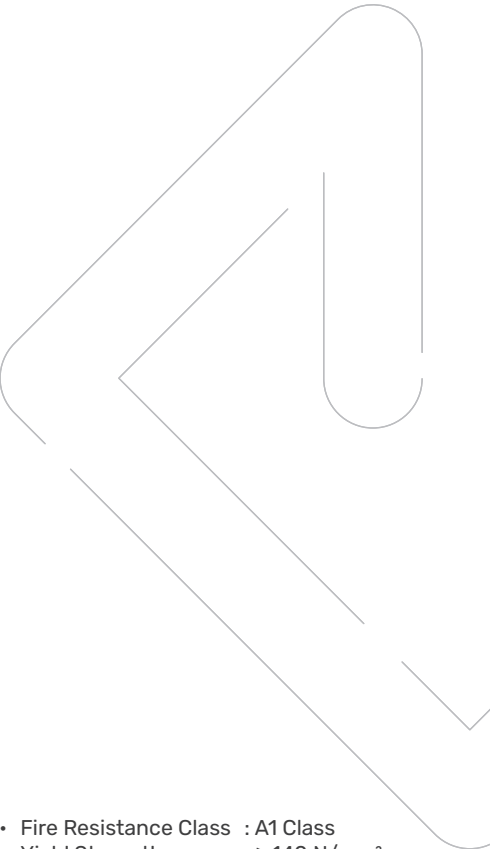
a (mm)	b (mm)
58,00	95,00



## CLIP



clip



### Definition

These are the fasteners that connect the Main and Secondary Carrier Ceiling C profiles, produced by cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness: Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

### Complementary Products

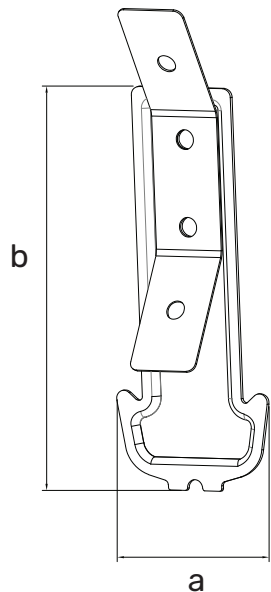
Ceiling C Profile

a (mm)	b (mm)
58,50	75,60





EcoForm  
HANGER CLIP



Definition

These are the fasteners that are inserted into the Main and Secondary Carrier Ceiling C EcoForm profiles in the metal construction installed in the construction of suspended ceilings and hung on steel wall plugs mounted on the reinforced concrete ceiling with the help of suspension rods and ensure the suspension of the system.

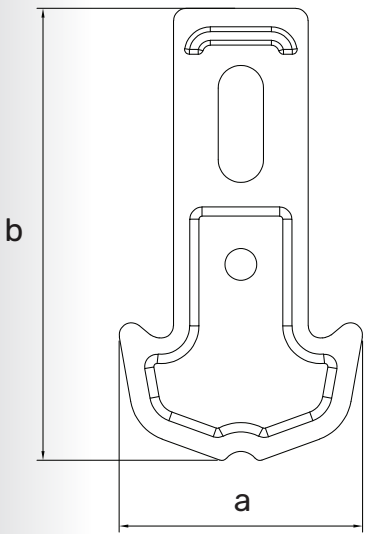
Technical Specifications Complementary Products

- Packaging : 500 pcs/box
  - Steel Type : DX51D (Clip) CK 75
  - Galvanized Thickness : Z100
  - Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$
- Ceiling C EcoForm Profile, Suspension Rod

a (mm)	b (mm)
40,00	95,00



EcoForm CLIP



Definition

These are the fasteners that connect the Main and Secondary Carrier Ceiling C EcoForm profiles, produced by cold forming method from hot-dip galvanized steels.

Technical Specifications

- Packaging : 500 pcs/box
  - Steel Type : DX51D (in accordance with EN 10346 standard)
  - Galvanized Thickness : Z100
- Fire Resistance Class : A1 Class
  - Yield Strength :  $\geq 140 \text{ N/mm}^2$

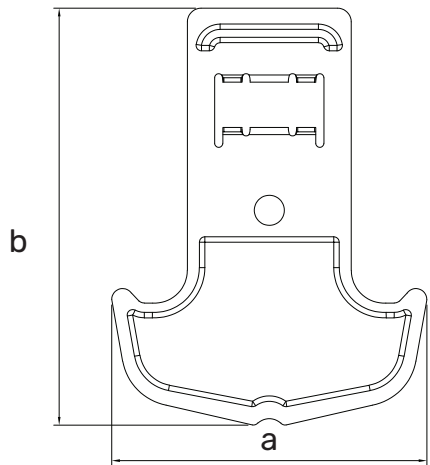
Complementary Products

Ceiling C EcoForm Profile

a (mm)	b (mm)
39,80	73,80



## ANCHOR CLIP



### Definition

These are the fasteners that connect the Main and Secondary Carrier Ceiling C profiles, produced by cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness: Z100, Z140, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

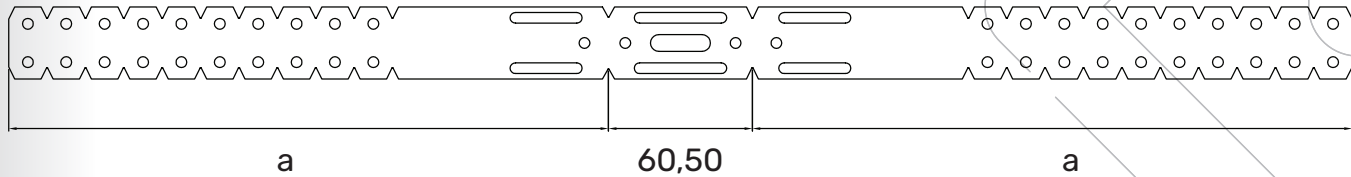
### Complementary Products

Ceiling C Profile

a (mm)	b (mm)
58	78



## BRACKET



### Definition

These are fasteners used to ensure the connection of the main load-bearing Ceiling C profiles with the ceiling or to ensure the connection of vertical profiles to the wall in curtain wall systems.

### Technical Specifications

- Packaging : 100 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness: Z100
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

### Dimensions

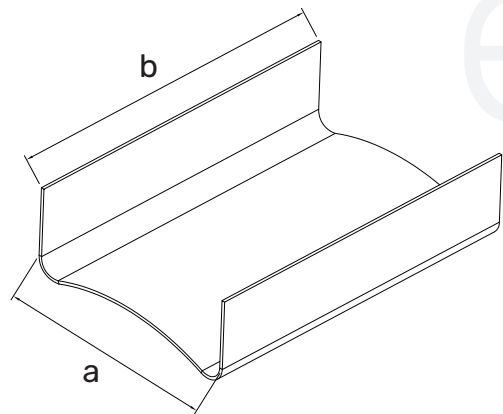
7 cm, 12 cm, 15 cm, 20 cm, 25 cm, 30 cm

### Complementary Products

Ceiling C Profile, Wall C Profile, Screws



EXTENSION PIECE



Definition

These are the fasteners used to attach two Ceiling C profiles to each other.

Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

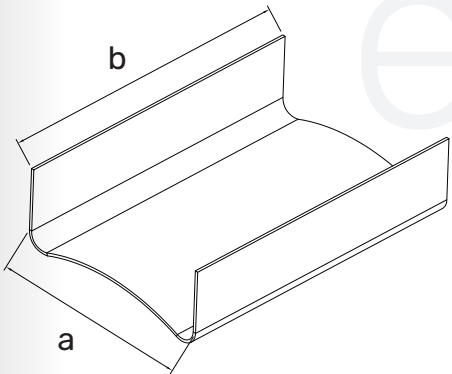
Complementary Products

Ceiling C Profile

a (mm)	b (mm)
58,50	85,00



EcoForm  
EXTENSION PIECE



Definition

Two Ceiling C is the fastener used to attach the EcoForm profile to each other.

Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness: Z100
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

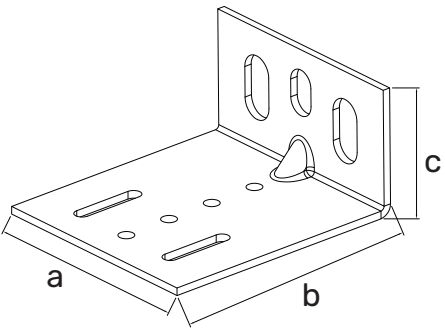
Complementary Products

Ceiling C EcoForm Profile

a (mm)	b (mm)
40,50	82,00



## L BRACKET



### Definition

It is an L-shaped carrier fastener that forms a support to the remaining carrier profiles of the system by connecting to the structure with anchor and screw.

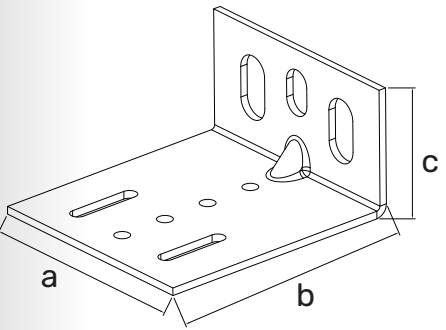
### Technical Specifications

- Thickness : 2-3 mm
- Packaging : 15 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

Thickness (mm)	a (mm)	b (mm)	c (mm)
2,00	90	80	50
2,00	90	100	50
2,00	90	120	50
2,00	90	150	50
2,00	90	200	50
2,00	90	250	50
2,50	90	80	50
2,50	90	100	50
2,50	90	120	50
2,50	90	150	50
2,50	90	200	50
2,50	90	250	50
3,00	90	80	50
3,00	90	100	50
3,00	90	120	50
3,00	90	150	50
3,00	90	200	50
3,00	90	250	50



## L BRACKET



### Definition

It is an L-shaped carrier fastener that forms a support to the remaining carrier profiles of the system by connecting to the structure with anchor and screw.

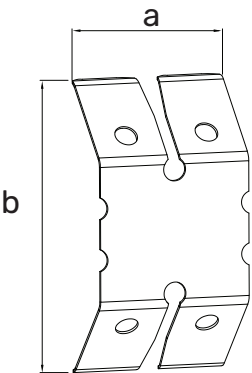
### Technical Specifications

- Thickness : 2-3 mm
- Packaging : 15 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100, Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

Thickness (mm)	a (mm)	b (mm)	c (mm)
2,00	100	80	50
2,00	100	100	50
2,00	100	120	50
2,00	100	150	50
2,00	100	200	50
2,00	100	250	50
2,50	100	80	50
2,50	100	100	50
2,50	100	120	50
2,50	100	150	50
2,50	100	200	50
2,50	100	250	50
3,00	100	80	50
3,00	100	100	50
3,00	100	120	50
3,00	100	150	50
3,00	100	200	50
3,00	100	250	50



DOUBLE SPRING



Definition

CK 75 are the fasteners used in the jointing of the hanger bars produced by the cold forming method from steel.

Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : CK 75
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

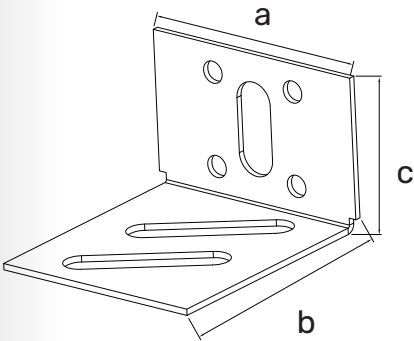
Complementary Products

Suspension Rod

a (mm)	b (mm)
56,20	30,50



UA BRACKET



Definition

These are UA profiles, which are used to make reinforced door frames, fasteners for fixing to the ceiling and floor.

Technical Specifications

- Thickness : 2,00 mm
- Packaging : 15 pcs/bundle
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z275
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140 \text{ N/mm}^2$

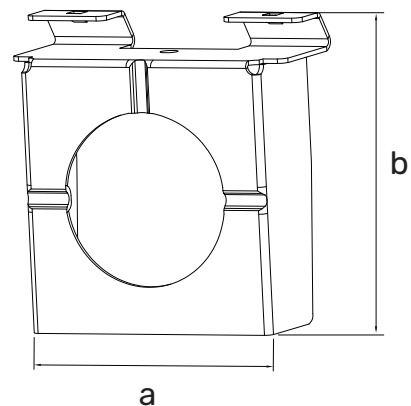
Complementary Products

UA Profile, Screws

Thickness (mm)	a (mm)	b (mm)	c (mm)
2,00	50	80	50
2,00	75	80	50
2,00	100	80	50



## SEISMIC CLIP



### Definition

These are the fasteners used in the connection of the Ceiling C profile and the Seismic U profile in seismic suspended ceiling systems, which are produced by the cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Packaging : 250 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness : Z100
- Fire Resistance Class : A1 Class
- Yield Strength :  $\geq 140$  N/mm<sup>2</sup>

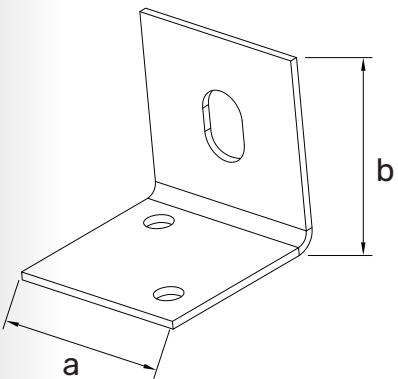
### Complementary Products

Ceiling C Profile, Seismic U Profile

a (mm)	b (mm)
58,50	69,00



## CEILING L BRACKET



### Definition

These are the L-shaped fasteners used to connect the L Corner Hanger Profiles and the steel wall plug in Omega suspended ceiling systems produced by the cold forming method from hot-dip galvanized steels.

### Technical Specifications

- Packaging : 500 pcs/box
- Steel Type : DX51D (in accordance with EN 10346 standard)
- Galvanized Thickness: Z100

### Complementary Products

L Corner Hanger Profile, Steel Wall Plug

a (mm)	b (mm)
23,00	23,00





# SUSPENSION ROD

## Definition

These are fasteners that provide the connection of steel wall plug with hanger clips in suspended ceiling systems.

## Complementary Products

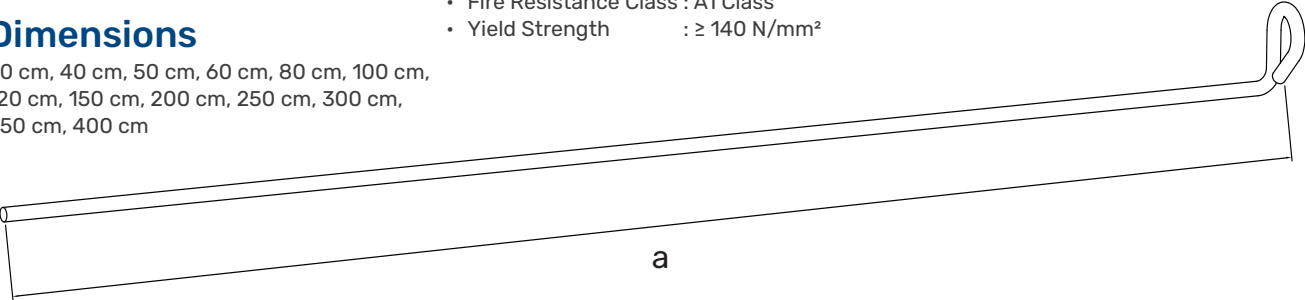
Hanger Clip, Steel Wall Plug

## Dimensions

30 cm, 40 cm, 50 cm, 60 cm, 80 cm, 100 cm, 120 cm, 150 cm, 200 cm, 250 cm, 300 cm, 350 cm, 400 cm

## Technical Specifications

- Diameter : Ø 3,50 mm
- Packaging : 100 pcs/bundle  
250 cm and above:  
50 pcs/bundle
- Steel Type : DX51D (in accordance with  
EN 10346 standard)
- Galvanized Thickness : Z45
- Fire Resistance Class : A1 Class
- Yield Strength : ≥ 140 N/mm²



# INFORMATION

## TS EN 14195

Standard for metal frame components used in plaster board systems

## TS EN 13964

The standard of suspended ceiling carrier environmental profiles made of galvanized steel used in the building

## EPD Certificate

Environmental product declaration standard

## TS EN 14353

Standard for metal bearings and connection profiles used with plaster boards

## TSE K 236

Standard for metal frame components used in cemented particle board and cemented board systems

## Storage and Shipping

Necessary measures should be taken to prevent the profiles from contact with water during the storage and shipment process.

## Recycling

During the recycling of profiles and accessories, it should be treated as a construction and demolition residue if it contains glass wool and/or plaster board residues. Otherwise, it should be classified as metal waste.

# MATERIAL ANALYSIS (m²)

## Double Carcass Suspended Ceiling Material Analysis Using Single Layer Plasterboard

Definition	1 m² Consumable
Plaster Board:	1,05 m²
Ceiling C Profile:	3,6 m
Ceiling U Profile:	1,3 m
Hanger Clip:	1,7 pcs
Suspension Rod:	1,7 pcs
Clip:	5,8 pcs
Extension Piece:	0,7 pcs
Jointing Tape:	1,8 m
Drywall Screw:	16 pcs
Steel Wall Plug:	1,7 pcs
Plastic Wall Plug, Washer, Screw:	1 pcs
Joint Filling Plaster:	0,4 kg
Satin Finish Plaster:	1 kg/m²
Insulation Tape:	1,3 m
Insulation Material (Optional):	1,05 m²
Corner Profile (Corner Tape):	According to the technical detail of the ceiling

\*Consumptions may vary according to the project detail.

## Suspended Ceiling Material Analysis with Bracket

Definition	1 m² Consumable
Plaster Board:	1,05 m²
Ceiling C Profile:	3,6 m
Ceiling U Profile:	1,3 m
Bracket:	1,7 pcs
Clip:	5,8 pcs
Extension Piece:	0,7 pcs
Jointing Tape:	1,8 m
Drywall Screw:	16 pcs
Steel Wall Plug:	1,7 pcs
Plastic Wall Plug, Washer, Screw:	1 pcs
Joint Filling Plaster:	0,4 kg
Satin Finish Plaster:	1 kg/m²
Insulation Tape:	1,3 m
Insulation Material (Optional):	1,05 m²
Corner Profile (Corner Tape):	According to the technical detail of the ceiling

\*Consumptions may vary according to the project detail.





## Suspended Ceiling Material Analysis with Omega Profile

Definition	1 m <sup>2</sup> Consumable
Plaster Board:	1,05 m <sup>2</sup>
Carrier U Profile:	2,2 m
Omega Profile:	2,4 m
Ceiling U Profile:	1,3 m
Hooked Hanger Wire*:	2,9 pcs
Suspension Rod*:	2,9 pcs
Hanger Clip*:	2,9 pcs
Double Spring*:	2,9 pcs
Jointing Tape:	1,8 m
Drywall Screw:	16 pcs
Steel Wall Plug:	1,7 pcs
Plastic Wall Plug, Washer, Screw:	1 pcs
Joint Filling Plaster:	0,4 kg
Satin Finish Plaster:	1 kg/m <sup>2</sup>
Insulation Tape:	1,3 m
Insulation Material (Optional):	1,05 m <sup>2</sup>
Corner Profile (Corner Tape):	According to the technical detail of the ceiling

\*Consumptions may vary according to the project detail.

## Partition Wall System Analysis Chart

Material Type	Single Pillar - Single Layer Coating		Single Pillar - Double Layer Coating		Single Pillar - Triple Layer Coating	
	Single C	Double C	Single C	Double C	Single C	Double C
Plaster Board:	2,00 m <sup>2</sup>		4,00 m <sup>2</sup>		6,00 m <sup>2</sup>	
Wall C Profile:	2,00 m <sup>2</sup>	3,60 m <sup>2</sup>	2,00 m <sup>2</sup>	3,60 m <sup>2</sup>	2,00 m <sup>2</sup>	3,60 m <sup>2</sup>
Wall U Profile:	2,00 m <sup>2</sup>					
Perforated Corner Profile:	Ceiling Height x Number of Corners					
Jointing Tape:	2,80 m					
Joint Plaster:	0,80 kg					
Drywall Screw (25 mm):	30 pcs	30 pcs	30 pcs	30 pcs	30 pcs	30 pcs
Drywall Screw (35 mm):	-	-	30 pcs	30 pcs	30 pcs	30 pcs
Drywall Screw (45 mm):	-	-	-	-	30 pcs	30 pcs
Wall Plug, Washer, Screw:	2,20					
Insulation Material:	2,00 m <sup>2</sup>					

\*Consumptions may vary according to the project detail.

## Suspended Ceiling Material Analysis with Ceiling C 47

Definition	1 m <sup>2</sup> Consumable
Plaster Board:	1,05 m <sup>2</sup>
Ceiling C 47 Profile:	2,4 m
Ceiling L Corner Profile:	2,4 m
Screw Wire:	2,9 pcs
Suspension Rod:	2,9 pcs
Special Clip:	2,9 pcs
Double Spring:	2,9 pcs
Extension Piece:	0,7 pcs
Jointing Tape:	1,8 m
Drywall Screw:	16 pcs
Steel Wall Plug:	1,7 pcs
Plastic Wall Plug, Washer, Screw:	1 adet
Joint Filling Plaster:	0,4 kg
Satin Finish Plaster:	1 kg/m <sup>2</sup>
Insulation Tape:	1,3 m
Insulation Material (Optional):	1,05 m <sup>2</sup>
Corner Profile (Corner Tape):	According to the technical detail of the ceiling

\*Consumptions may vary according to the project detail.

## Analysis of Existing Wall-Dependent Curtain Wall System

Material Type	Single Layer Plasterboard (Axle Range mm)		Double Layer Plasterboard (Axle Range mm)	
Plaster Board:	600	400	600	400
Wall U Profile:	0,84 mm			
Wall C Profile:	2,1 m	3 m	2,1 m	3 m
Sound Insulation Tape:	1,3 m			
Wall Plug, Screw:	2,5 pcs			
Bracket:	15 pcs			
Bracket Screw:	30 pcs			
Drywall Screw 25:	13 pcs	17 pcs	9 pcs	11 pcs
Drywall Screw 28:	-	-	13 pcs	17 pcs
Jointing Tape:	1,6 m			
Perforated Corner Profile:	(floor height) varies according to x (number of corners).			

\*Consumptions may vary according to the project detail.

## Analysis of Existing Wall Independent Curtain Wall System

Material Type	Single Layer Plasterboard (Axle Range mm)		Double Layer Plasterboard (Axle Range mm)	
Plaster Board:	600	400	600	400
Wall U Profile:	0,84 mm			
Wall C Profile:	2,1 m	3 m	2,1 m	3 m
Sound Insulation Tape:	1,3 m			
Wall Plug, Screw:	2,5 pcs			
Drywall Screw 25:	13 pcs	17 pcs	9 pcs	11 pcs
Drywall Screw 28:	-	-	13 pcs	17 pcs
Jointing Tape:	1,6 m			
Perforated Corner Profile:	(floor height) varies according to x (number of corners).			

\*Consumptions may vary according to the project detail.





### Exterior Wall System Analysis Made with CT Profile

Material Type	Axle Spacing (mm)	
	600	400
Cement Board or Plaster Board:	1,05 m²	
CT Profile:	1,9 m	2,8 m
L Bracket:	2,7 pcs	4 pcs
Steel Wall Plug:	5,5 pcs	8 pcs
Self-Drilling Screw:	5,5 pcs	8 pcs
Drywall Screw 25:	15	20

\*Consumptions may vary according to the project detail.

### Exterior Wall System Analysis Made with M Profile

Material Type	Axle Spacing (mm)	
	600	400
Cement Board or Plaster Board:	1,05 m²	
M Profile:	1,9 m	2,8 m
J Profile:	1,6 m	
L Bracket:	2,7 pcs	4 pcs
Steel Wall Plug:	5,5 pcs	8 pcs
Self-Drilling Screw:	5,5 pcs	8 pcs
Drywall Screw 25:	15	20

\*Consumptions may vary according to the project detail.



### PRODUCT PACKAGING DETAILS



Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Ceiling U Power Profile	0,35	3000	22/28/22	24	60	1440	4320	1140	420
Ceiling U Power Profile	0,4	3000	22/28/22	24	60	1440	4320	1140	420
Ceiling U Power Profile	0,4	3000	24/28/24	24	60	1440	4320	1140	450
Ceiling U Power Profile	0,45	3000	22/28/22	24	60	1440	4320	1140	420
Ceiling U Power Profile	0,45	3000	24/28/24	24	60	1440	4320	1140	450
Ceiling U Power Profile	0,5	3000	22/28/22	24	60	1440	4320	1140	420
Ceiling U Power Profile	0,5	3000	24/28/24	24	60	1440	4320	1140	450
Ceiling U Power Profile	0,5	3000	27/28/27	24	60	1440	4320	1140	500
Ceiling U Power Profile	0,6	3000	22/28/22	24	60	1440	4320	1140	420
Ceiling U Power Profile	0,6	3000	24/28/24	24	60	1440	4320	1140	450
Ceiling U Power Profile	0,6	3000	27/28/27	24	60	1440	4320	1140	500



Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Ceiling C Power Profile	0,4	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Power Profile	0,45	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Power Profile	0,5	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Power Profile	0,6	3000	27/60/27	12	40	480	1440	1090	435



# ceiling U reform profil

Product Name	Thickness	Height	Dimensions	Piece/Bundle	Bundle/Pallet	Piece/Pallet	Meter/Pallet	Pallet Width	Pack Height
Ceiling U Reform Profile	0,3	3000	22/28/22	24	54	1296	3888	1100	410
Ceiling U Reform Profile	0,35	3000	22/28/22	24	54	1296	3888	1100	410
Ceiling U Reform Profile	0,4	3000	22/28/22	24	54	1296	3888	1140	420
Ceiling U Reform Profile	0,4	3000	24/28/24	24	54	1296	3888	1140	450
Ceiling U Reform Profile	0,45	3000	22/28/22	24	54	1296	3888	1140	420
Ceiling U Reform Profile	0,45	3000	24/28/24	24	54	1296	3888	1140	450
Ceiling U Reform Profile	0,5	3000	22/28/22	24	54	1296	3888	1140	420
Ceiling U Reform Profile	0,5	3000	24/28/24	24	54	1296	3888	1140	450
Ceiling U Reform Profile	0,5	3000	27/28/27	24	54	1296	3888	1140	500
Ceiling U Reform Profile	0,6	3000	22/28/22	24	54	1296	3888	1140	420
Ceiling U Reform Profile	0,6	3000	24/28/24	24	54	1296	3888	1140	450
Ceiling U Reform Profile	0,6	3000	27/28/27	24	54	1296	3888	1140	500



# ceiling C reform profil

Product Name	Thickness	Height	Dimensions	Piece/Bundle	Bundle/Pallet	Piece/Pallet	Meter/Pallet	Pallet Width	Pack Height
Ceiling C Reform Profile	0,35	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Reform Profile	0,4	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Reform Profile	0,45	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Reform Profile	0,5	3000	27/60/27	12	40	480	1440	1090	435
Ceiling C Reform Profile	0,6	3000	27/60/27	12	40	480	1440	1090	435



# L corner profile

Product Name	Thickness	Height	Dimensions	Piece/Bundle	Bundle/Pallet	Piece/Pallet	Meter/Pallet	Pallet Width	Pack Height
L Corner Profile	0,35	2700	22/22	25	100	2500	6750	510	130
L Corner Profile	0,35	3000	22/22	25	100	2500	7500	510	130
L Corner Profile	0,4	2700	22/22	25	100	2500	6750	510	130
L Corner Profile	0,4	3000	22/22	25	100	2500	7500	510	130
L Corner Profile	0,45	3000	22/22	25	100	2500	7500	510	130
L Corner Profile	0,45	3000	25/25	25	100	2500	7500	510	130
L Corner Profile	0,5	3000	25/25	25	100	2500	7500	510	130
L Corner Profile	0,5	3000	30/30	25	100	2500	7500	510	130
L Corner Profile	0,6	3000	25/25	25	100	2500	7500	510	130
L Corner Profile	0,6	3000	30/30	25	100	2500	7500	510	130



# wall U 50

Product Name	Thickness	Height	Dimensions	Piece/Bundle	Bundle/Pallet	Piece/Pallet	Meter/Pallet	Pallet Width	Pack Height
Wall U 50	0,35	3000	24/50/24	12	30	360	1080	910	390
Wall U 50	0,4	3000	24/50/24	12	30	360	1080	910	390
Wall U 50	0,4	3000	30/50/30	12	30	360	1080	910	500
Wall U 50	0,45	3000	30/50/30	12	30	360	1080	910	500
Wall U 50	0,5	3000	30/50/30	12	30	360	1080	910	500
Wall U 50	0,6	3000	30/50/30	12	30	360	1080	910	500
Wall U 50	0,5	3000	38/50/38	12	30	360	1080	910	570
Wall U 50	0,6	3000	38/50/38	12	30	360	1080	910	570



wall  
C 50

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Wall C 50	0,4	3000	35/49/35	12	30	360	1080	1000	380
Wall C 50	0,45	3000	35/49/35	12	30	360	1080	1000	380
Wall C 50	0,5	3000	35/49/35	12	30	360	1080	1000	380
Wall C 50	0,6	3000	35/49/35	12	30	360	1080	1000	380
Wall C 50	0,45	3000	42/49/42	12	30	360	1080	1020	445
Wall C 50	0,5	3000	42/49/42	12	30	360	1080	1020	445
Wall C 50	0,6	3000	42/49/42	12	30	360	1080	1020	445
Wall C 50	0,5	3000	47/49/47	12	30	360	1080	1020	500
Wall C 50	0,6	3000	47/49/47	12	30	360	1080	1020	500



wall  
U 75

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Wall U 75	0,35	3000	24/75/24	12	30	360	1080	920	390
Wall U 75	0,4	3000	24/75/24	12	30	360	1080	920	390
Wall U 75	0,4	3000	30/75/30	12	30	360	1080	920	500
Wall U 75	0,45	3000	30/75/30	12	30	360	1080	920	500
Wall U 75	0,5	3000	30/75/30	12	30	360	1080	920	500
Wall U 75	0,6	3000	30/75/30	12	30	360	1080	920	500
Wall U 75	0,5	3000	38/75/38	12	30	360	1080	920	570
Wall U 75	0,6	3000	38/75/38	12	30	360	1080	920	570



wall  
C 75

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Wall C 75	0,4	3000	35/74/35	12	30	360	1080	1000	535
Wall C 75	0,45	3000	35/74/35	12	30	360	1080	1000	535
Wall C 75	0,5	3000	35/74/35	12	30	360	1080	1000	535
Wall C 75	0,6	3000	35/74/35	12	30	360	1080	1000	535
Wall C 75	0,45	3000	42/74/42	12	30	360	1080	1000	635
Wall C 75	0,5	3000	42/74/42	12	30	360	1080	1000	635
Wall C 75	0,6	3000	42/74/42	12	30	360	1080	1000	635
Wall C 75	0,5	3000	47/74/47	12	30	360	1080	1000	750
Wall C 75	0,6	3000	47/74/47	12	30	360	1080	1000	750



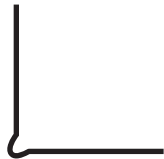
wall  
U 100

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Wall U 100	0,4	3000	28/100/28	8	30	240	720	1030	330
Wall U 100	0,45	3000	28/100/28	8	30	240	720	1030	330
Wall U 100	0,5	3000	28/100/28	8	30	240	720	1030	330
Wall U 100	0,6	3000	28/100/28	8	30	240	720	1030	330
Wall U 100	0,5	3000	38/100/38	8	30	240	720	1030	500
Wall U 100	0,6	3000	38/100/38	8	30	240	720	1030	500



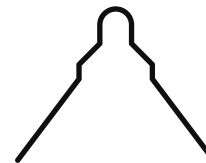
wall  
C 100

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Wall C 100	0,45	3000	35/99/35	8	30	240	720	1070	420
Wall C 100	0,5	3000	35/99/35	8	30	240	720	1070	420
Wall C 100	0,6	3000	35/99/35	8	30	240	720	1070	420
Wall C 100	0,45	3000	35/99/35	8	30	240	720	1070	520
Wall C 100	0,5	3000	42/99/42	8	30	240	720	1070	520
Wall C 100	0,6	3000	42/99/42	8	30	240	720	1070	520
Wall C 100	0,5	3000	42/99/42	8	30	240	720	1070	580
Wall C 100	0,6	3000	47/99/47	8	30	240	720	1070	580



perforated  
corner profile

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
Perforated Corner Profile	0,25	2700	20/20	50	50	5000	6750	510	135
Perforated Corner Profile	0,25	3000	20/20	50	50	5000	7500	510	135
Perforated Corner Profile	0,25	2700	21/21	50	50	5000	6750	510	135
Perforated Corner Profile	0,25	3000	21/21	50	50	5000	7500	510	135
Perforated Corner Profile	0,35	2700	23/23	50	50	5000	6750	510	135
Perforated Corner Profile	0,35	3000	23/23	50	50	5000	7500	510	135



rough plaster  
profile

Product Name	Thickness	Height	Dimensions	Piece/Box	Carton/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet/ Width	Package/ Height
Rough Plaster Profile	0,3	2700	33/33	100	28	2800	7560	1050	640
Rough Plaster Profile	0,3	3000	33/33	100	28	2800	8400	1050	640
Rough Plaster Profile	0,35	2700	35/35	100	28	2800	7560	1140	640
Rough Plaster Profile	0,35	3000	35/35	100	28	2800	8400	1140	640



UA 50

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
UA 50	1,5	3000	40/49/40	6	60	360	1080	Siparişe Özel Palet	
UA 50	2	3000	40/49/40	6	60	360	1080		



UA 75

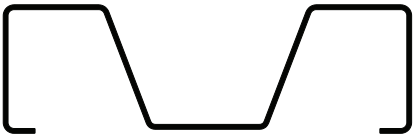
Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
UA 75	1,5	3000	40/74/40	4	60	240	720	Siparişe Özel Palet	
UA 75	2	3000	40/74/40	4	60	240	720		



UA 100

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
UA 100	1,5	3000	40/99/40	4	50	200	600	Siparişe Özel Palet	
UA 100	2	3000	40/99/40	4	50	200	600		





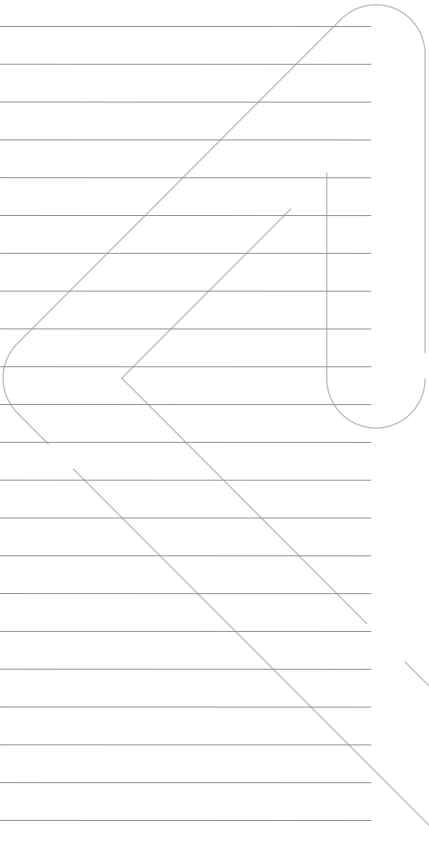
# M profile

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
M Profile (22 Yanak)	0,45	3000	22/80/22	5	40	200	600	890	400
M Profile (22 Yanak)	0,5	3000	22/80/22	5	40	200	600	890	400
M Profile (22 Yanak)	0,6	3000	22/80/22	5	40	200	600	890	400
M Profile (25 Yanak)	0,45	3000	25/80/25	5	40	200	600	1000	400
M Profile (25 Yanak)	0,5	3000	25/80/25	5	40	200	600	1000	400
M Profile (25 Yanak)	0,6	3000	25/80/25	5	40	200	600	1000	400



# J profile

Product Name	Thickness	Height	Dimensions	Piece/ Bundle	Bundle/ Pallet	Piece/ Pallet	Meter/ Pallet	Pallet Width	Pack Height
J Profile	1,5	3000	38/28	2	104	208	624	510	255
J Profile	2	3000	38/28	2	104	208	624	510	255







## PRODUCT CATALOGUE



### ÇSM - Factory

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No: 6-8D-8E  
Ostim / ANKARA  
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**F:** 0312 354 0107

### Profil - Factory

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2032. Cadde No: 9  
ASO2 Sincan / ANKARA  
**T:** 0312 513 25 61  
**F:** 0312 513 25 62

### İstanbul - Warehouse

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Atabek Sokak No: 27  
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