



# Catalogue

## Window reinforcements

As leading manufacturer of steel profiles in Poland, including window reinforcement profiles, **MFO S.A.** is a renowned market player in Europe and overseas. The company owns high capacity storage and production facilities and prides itself on one of the most modern machine parks in Poland. The machine park comprises i.a. three “DREISTERN” production lines with multiple processing stations, including pre- and post- punching systems. The modern machine park and high quality material enable the production of very complicated shapes with the highest qualitative characteristics and dimensional parameters. Our profiles are produced according to individual documentation as prepared by the customer or basing on documentation supplied by our technical department. With our advanced technologies MFO has been able to automate the process of profiles branding and packaging. MFO offers its customers the highest quality products complying with strictest standards, including the EU standards. 2005 the renowned Swiss company SGS accredited by the British UKAS certified MFO with ISO 9001.

[We proudly present a selection from our product range!](#)

# Window reinforcements

## Why do we have a good profile?

### The figures speak for themselves:

- 4 000 000 m of profiles on stock
- 45 000 m<sup>2</sup> of warehousing area
- 15 000 tones of monthly processed steel
- 1600 different shapes in our program
- 670 customers worldwide
- 350 qualified employees
- 50 countries on 6 continents with regular deliveries
- Around the clock production
- 25 account managers at your disposal
- 26 modern production lines
- 4 lines with pre- and post- punching systems
- Market leader in Poland, we work with the biggest window manufacturers in Europe

## Product application

- PVC window and door reinforcements

## Material used for production:

- Galvanised steel for cold processing delivered according to standard PN-EN 10346

## Product range

- Window reinforcements for all PVC window systems on the market: Aluplast, Decco, Deceuninck, Gealan, Profine, Rehau, Salamander, Veka, Wital

## Technology

- R&D department enabling the development of each profile on the individual customer's order.
- We implement an average of 100 per year new profiles

## Quality

- Production according to company system procedures and the strictest European quality standards, including the PN EN ISO 9001, PN EN 10162.
- Quality confirmed by the CSTB institute
- Quality control procedures and the product quality itself is verified by the independent research and certification institute – Zespół Ośrodków Kwalifikacji Jakości Wytrobów SIMPTTEST.
- Material for production is supplied to us by European steel mills, which guarantees the highest quality of the finished products

## We offer

- Complex commercial offer and a broad product range
- Modern machine park
- High quality products renowned on demanding EU-markets
- High storage capacity
- Possibility of quarterly orders, which ensure price stability,
- Availability of material and quick delivery
- Wide geographical diversification of sales both in Poland and abroad

- Logistic experience in national and international transport, also maritime
- Own R&D Department will design profile according to the customer's request.
- Short delivery time

## Our strengths

- For 16 years in a row, Centrum Analiz Biznesowych (CAB) has confirmed our stable leading position in the production of window reinforcements on both domestic and international markets
- Continuous investment in development and machinery: investments 2022-2024: 85-120 million PLN
- Laboratory for hardness testing of steel
- R&D Department

## Additional services

### Adaptation of packaging for automatic systems.

At the customer's request, we are able to adapt the packaging to individual customer preferences:

- package size
- special labels, e.g. RFID
- profile marking

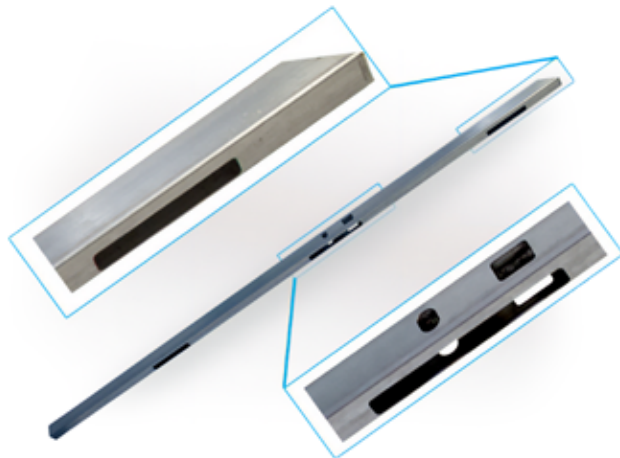
### Cutting service

- Standard 5.85; 6; 6.5 m
- On demand from 0.25 m

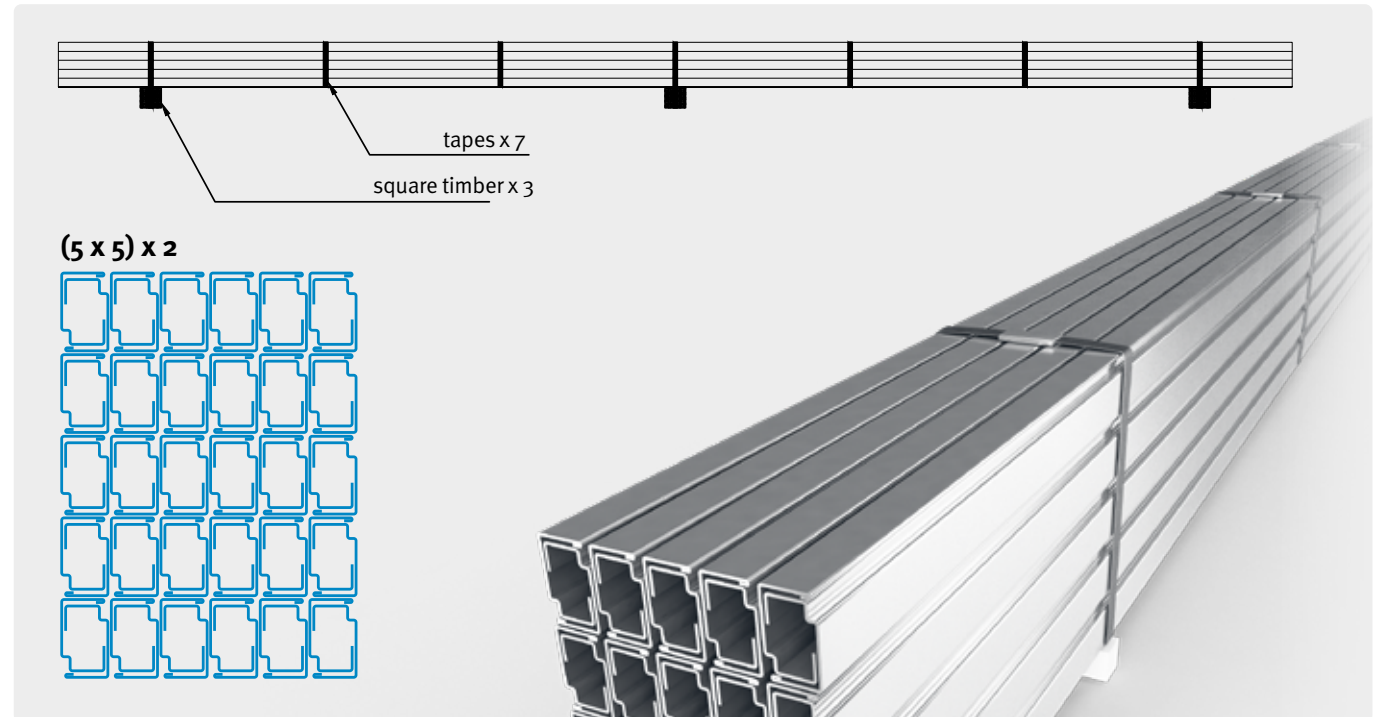
### Laser processing and cutting technology

#### – Trumpf TruLaser 5000

- Possibility of cutting shape in the profile – according to the customer's drawing.
- The cut-outs by laser are highly precise and meet the highest standards.
- Steel reinforcement profiles with or without mitre cut



## Product packaging



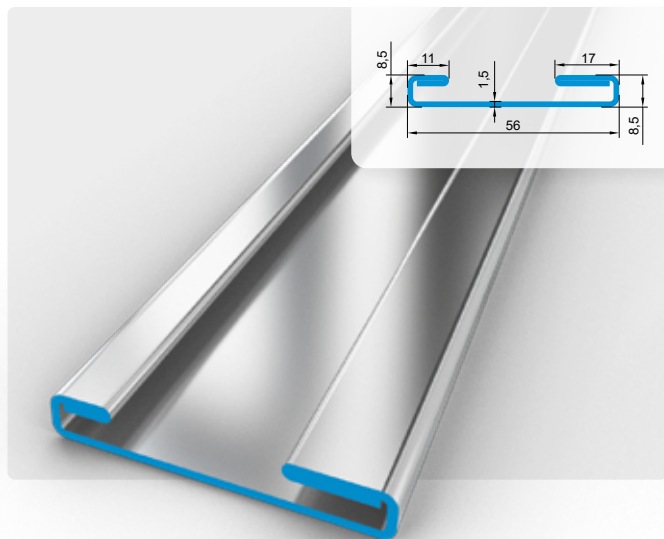
Profiles manufactured by MFO are packed in packages

Materials used for packaging:

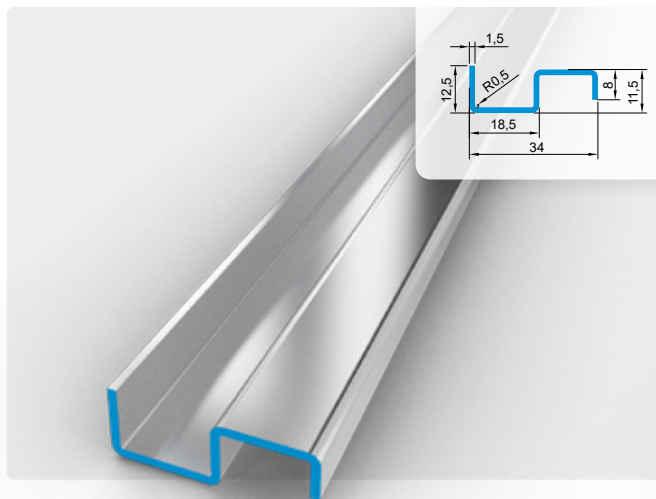
- PET tape
- wooden blocks,
- euro pallets
- other packaging materials according to customer's order

# Aluplast

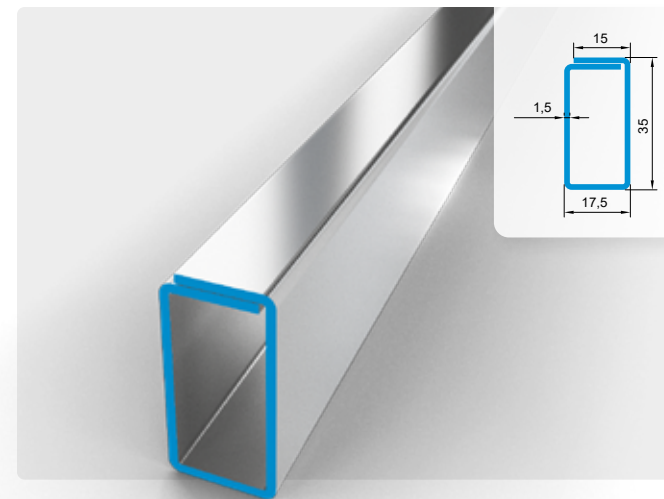
Aluplast 289.018



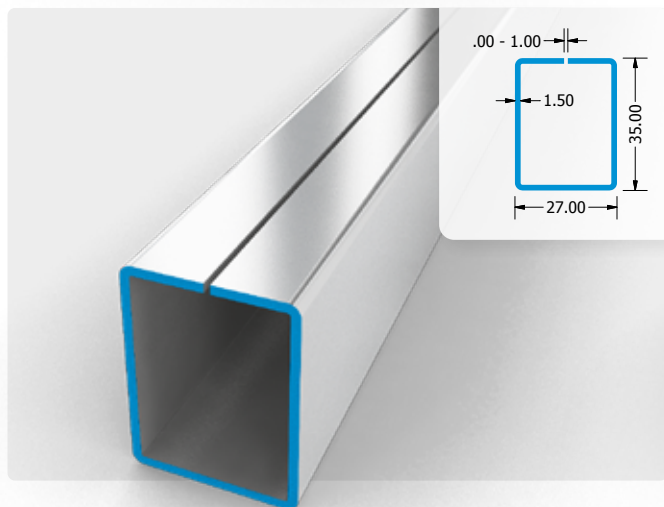
Aluplast 229.045



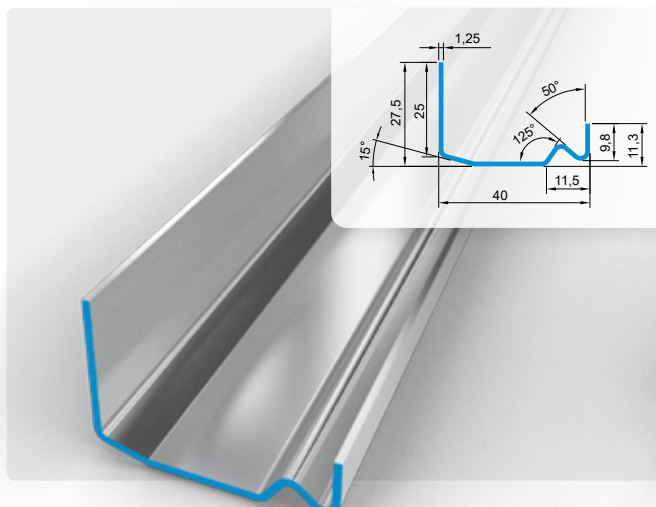
Aluplast 229.037



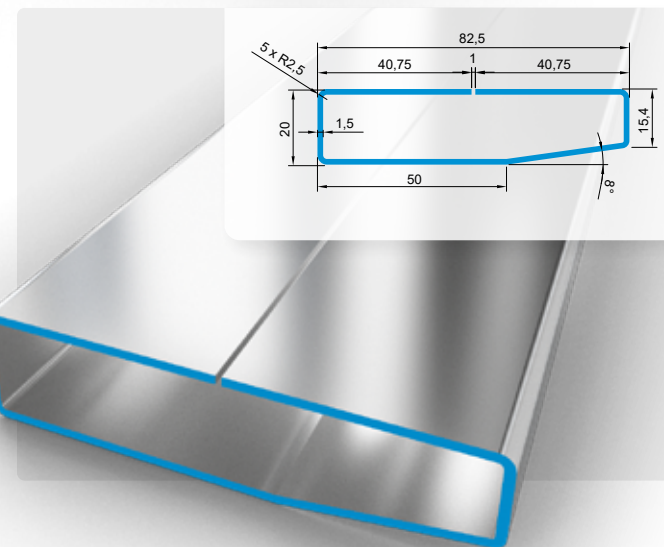
Aluplast 229.029



Aluplast 250.020



Aluplast 279.054



## Aluplast

No.	Symbol	Dimensions (mm)	Thickness (mm)
1	208.121	10/44	1.00
2	209.075	11.3/27/20/20	2.00
3	209.079	23/26/33/19.5	2.00
4	209.121	10/45	1.50
5	209.192	47/40/23/47	1.25
6	209.193	47/40/23/47	2.00
7	209.900	59/32/10	1.50
8	209.901	50/10/17.5	1.50
9	228.003	27/30/27	1.00
10	228.005	43/30/6	1.25
11	228.023	27/35/27	1.00
12	228.100	20/35	1.00
13	229.001	31/30/31	1.50
14	229.003	27/30/27	1.50
15	229.004	27/30/27	2.00
16	229.005	43/30/6	2.00
17	229.015	18.5/34.5/12	1.50
18	229.017	40/35/40	1.50
19	229.018	20/13/80	2.00
20	229.018	20/13/80	2.50
21	229.023	27/35/27	1.50
22	229.024	27/35/27/22	1.50
23	229.026	27/35/27/22	2.00
24	229.027	27.5/35/8/10	1.50
25	229.028	27/35/8/10.5	2.00
26	229.029	27/35	1.25
27	229.030	27/35	2.00
28	229.034	16.5/35/16.5	1.50
29	229.037	17.5/35/15	1.50
30	229.040	40/40	2.00
31	229.045	34/11.5/12.5	1.50
32	229.055	9.5/33.7/21/16.5	2.00
33	229.057	49.5/31.5/49.5	2.00
34	229.063	9/48/14.5/12	2.00

No.	Symbol	Dimensions (mm)	Thickness (mm)
35	229.100	20/35	1.25
36	229.101	20/35/18	1.50
37	229.102	20/45/17	1.50
38	229.103	20/45/16	2.50
39	229.107	15/25	2.00
40	229.110	15/35	1.50
41	229.111	15/35	2.00
42	229.112	30/30	1.00
43	229.113	30/30	2.00
44	229.114	40/35	1.50
45	229.115	40/35	2.00
46	229.121	30/30	1.50
47	239.019	14/32/30	1.50
48	239.020	14/32/30	2.00
49	239.030	15/30	2.00
50	249.004	20/35/20	2.00
51	249.007	50/35/50	2.00
52	249.009	35/35	2.00
53	249.014	13/32/30/32/13	1.25
54	249.015	13/32/30/32/13	2.00
55	249.016	29/32/21.5/29	1.50
56	249.017	10.5/10/35/29	1.50
57	220.131	50/40	3.00
58	229.125	50/40	2.00
59	229.126	50/40	3.00
60	229.135	50/50	2.00
61	2291290000103	50/40	2.00
62	229129-01	50/40	2.00
63	229137-0000102	50/50	2.00
64	229137-01	50/50	2.00
65	229137-02	50/50	2.00
66	259.926	60/40	2.00
67	299.221	40/40	1.00



