



Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

ACACIA 42

Shading System



PROFILES 1:1

2026
VER. 01

MACHINES AND ALUMINUM CENTER

Machines and Aluminum Center is an Egyptian based company established in the year 1981 and started its activity with aluminium applications in architectural and construction field.

They represent and cooperate with several leading European firms in field of aluminium business including aluminium fabrication machinery, accessories and hardware for architectural applications and different aluminium systems varying from windows and doors, up to facades and solar protection.

Our goal is to supply our clients with whatever is needed to apply our aluminium systems in the building construction. We are specialized in supplying all required machinery, equipments, dies, punches, hardware and fittings for our aluminium systems.

We offer a wide range of products to local market and neighbor countries. Our product range includes windows and doors, partition systems, different façade solutions and the related integrated accessories.

We partner with our customers with value added services which means that with the help of our specialized team of engineers, we provide our clients with technical support to assist them in improving their product's quality.

We are committed to innovative and creative product design to fulfill all architectural requirements. Our products can meet the most exacting engineering and technical standards while overcoming sophisticated design challenges.



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The profiles shown in this catalogue are patented.

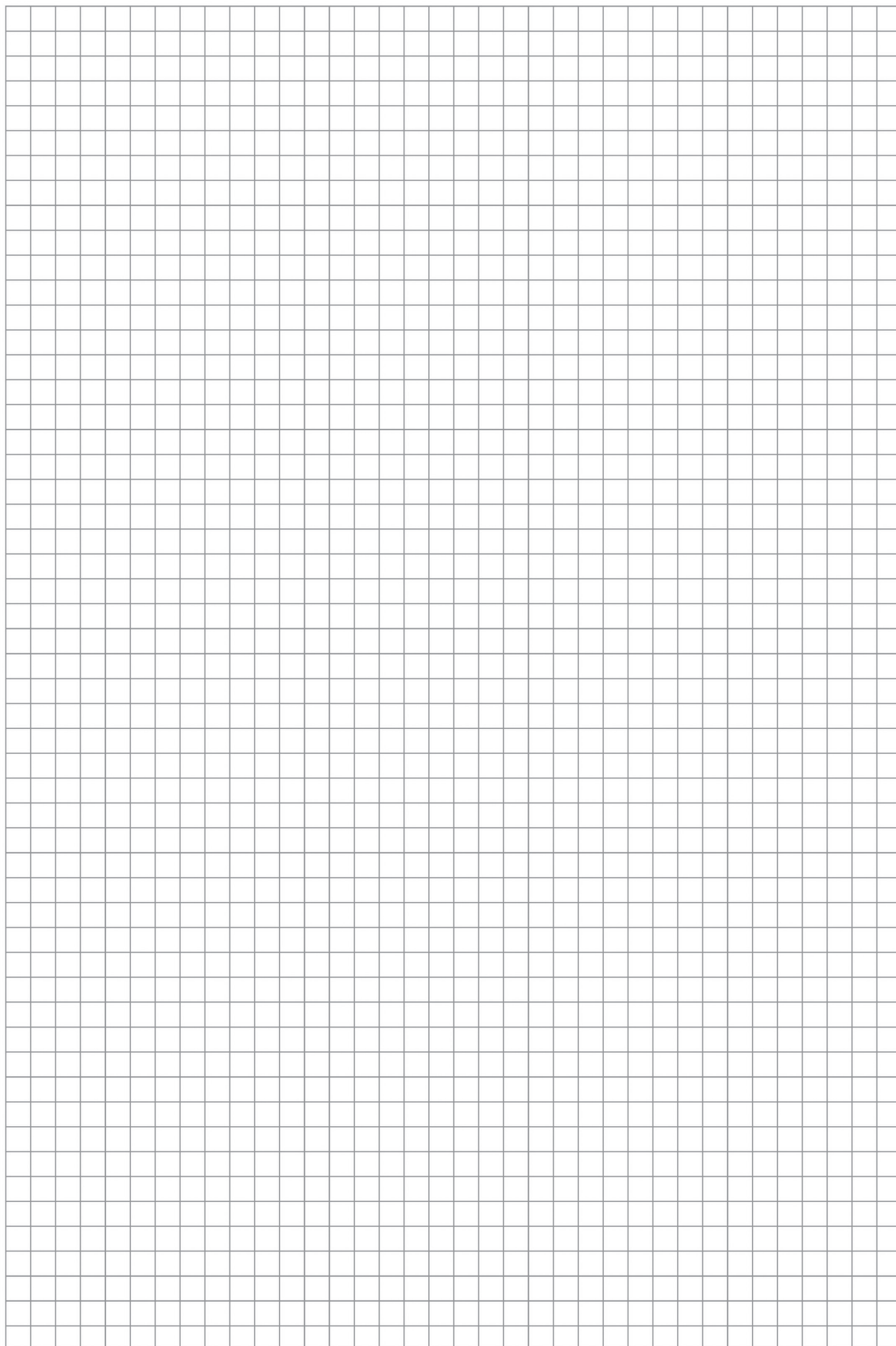
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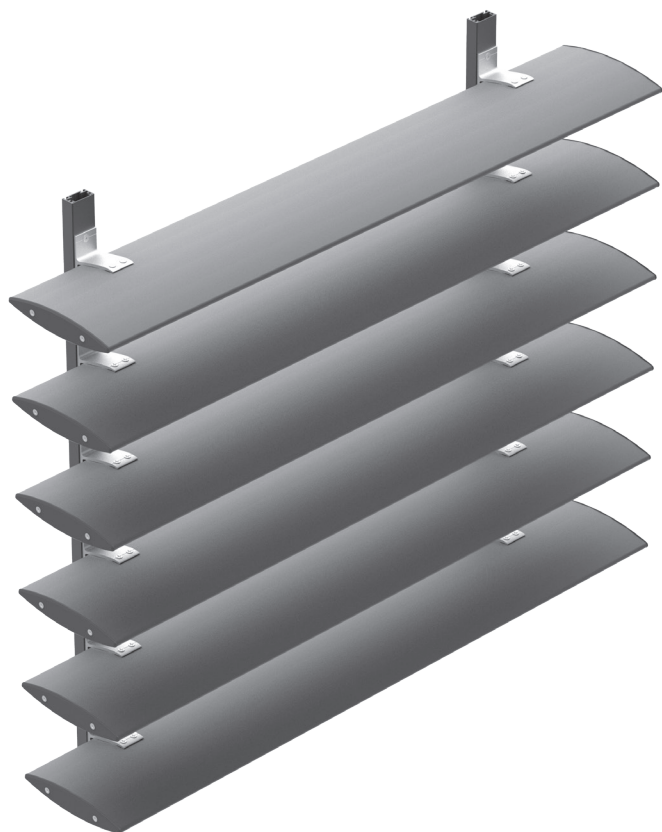
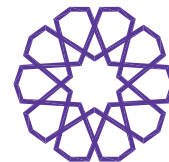
The manufacturer reserves the right to modify the items in this catalog without advanced notice.

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- A complete system for solar control shading system by adapting the blades length with different angles and its intervals.
- Wide range of blades with different types, shapes and dimensions, can be positioned horizontal, vertical or inclined at different inclinations and at different blade pitches.
- Available in sliding panels cassettes, in which the blades have been screwed between vertical end cap plates.

Technical Characteristics

Main Profile Depth

42 mm. to 125 mm.

Main Profile Height

21 mm. to 80 mm.

Slat Depth

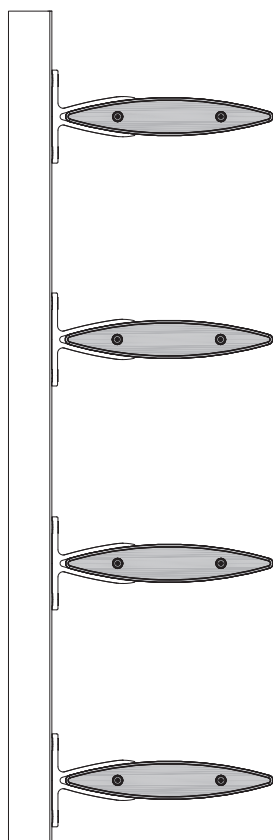
60 mm. to 200 mm.

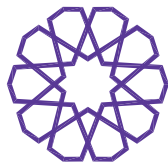
Slat Height

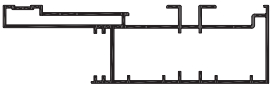
20 mm. to 40 mm.

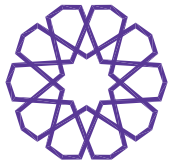
Degree Obtained

30 - 45 - 60 - 90

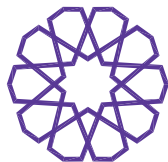


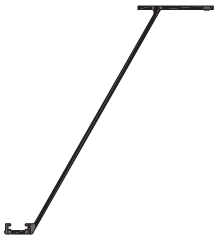
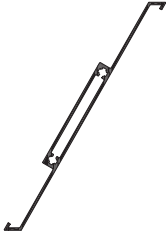


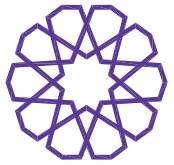
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					I _x	I _y	
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	52421108	Slat Profile	2.133	390	93.60	30.81	10
	52421111	Slat Profile	2.785	440	200.28	42.34	10
	52421211	Slat Profile	3.528	699	422.93	52.82	11
	52421606	Slat Profile	1.418	307	32.63	9.73	10
	52422110	Slat Profile	0.772	207	1.19	25.08	12
	52422115	Slat Profile	1.269	312	4.40	82.46	12
	52422120	Slat Profile	1.924	415	10.89	237.71	12
	52422210	Slat Profile	0.799	217	1.91	26.98	13
	52422215	Slat Profile	1.307	325	7.27	94.78	13
	52422220	Slat Profile	1.637	425	9.76	223.52	13

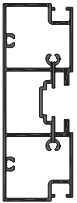
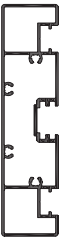


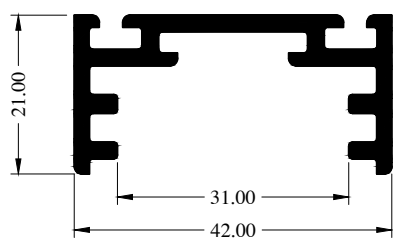
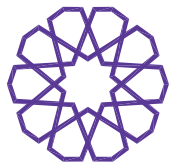
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	52422315	Slat Profile	1.431	357	8.50	126.04	14
	52422320	Slat Profile	1.763	457	10.99	277.06	14
	52422620	Slat Profile	1.789	429	9.91	228.58	15
	52422770	Slat Profile	0.882	279	15.31	11.84	15
	52422771	Slat Profile	1.034	364	15.60	21.91	15
	52423106	Slat Profile	0.638	257	8.07	12.39	16
	52423208	Slat Profile	0.699	303	13.72	23.91	16



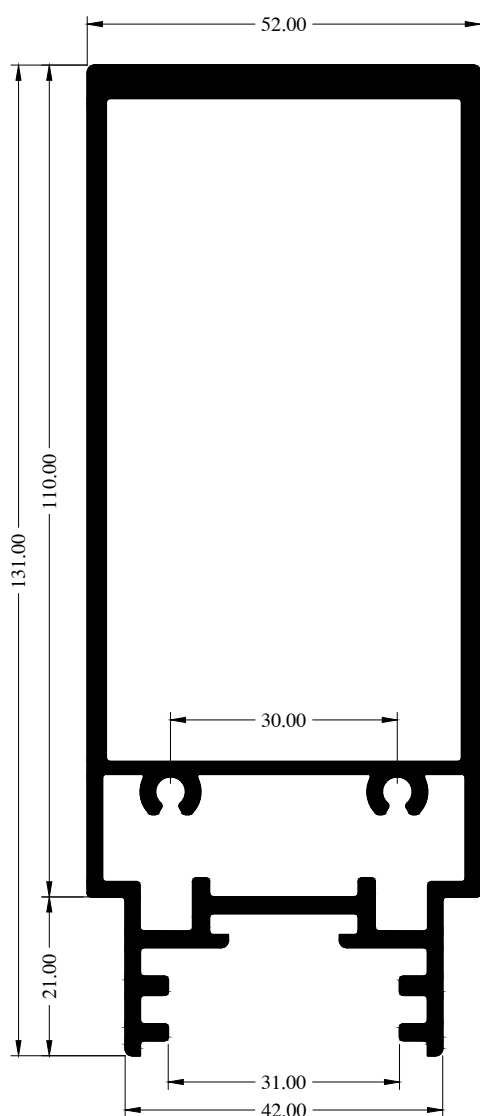
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	52423312	Slat Profile	0.974	397	30.35	67.28	16
	52423710	Slat Profile	0.808	295	9.60	25.13	17
	52423712	Slat Profile	0.872	332	13.06	35.06	17
	52424115	Slat Profile	1.365	424	4.36	92.47	18
	52425223	Slat Profile	2.642	618	16.07	420.51	18
	52426170	Frame Profile	0.985	289	20.95	3.23	11



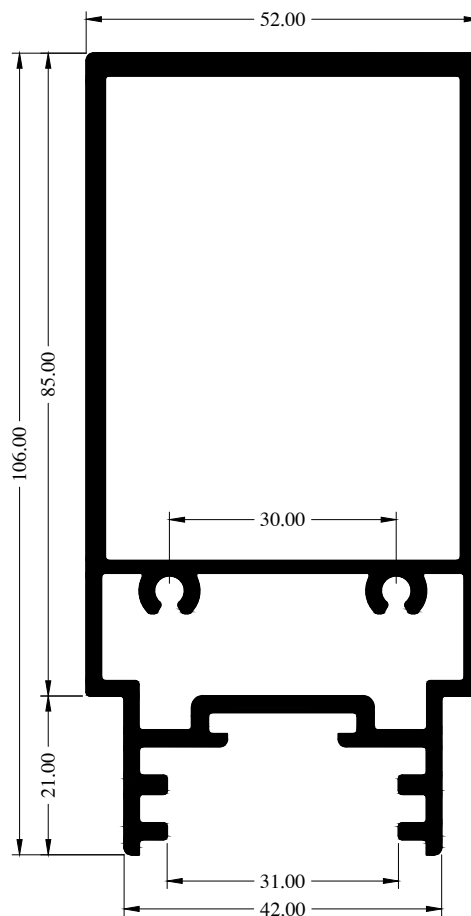
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	52427610	Slat Profile	1.003	362	2.07	60.86	19
	52427612	Slat Profile	0.869	449	3.22	71.10	19
	52427710	Slat Profile	1.919	393	12.69	69.27	19
	52427712	Slat Profile	1.636	393	7.48	85.78	19
	52429120	Additional Pieces	0.143	107	0.83	0.01	11
	52429121	Cover Profile	0.142	101	0.00	0.00	11
	52429910	Slat Profile	1.411	267	0.07	73.48	19



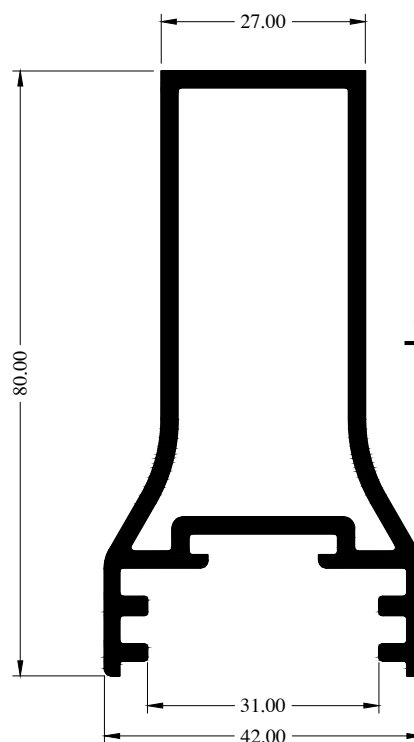
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0.583 Kg./ml.



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2.785 Kg./ml.

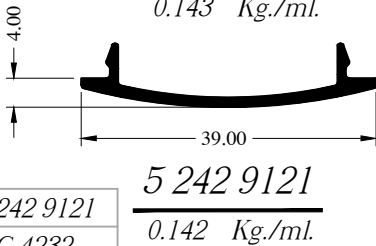
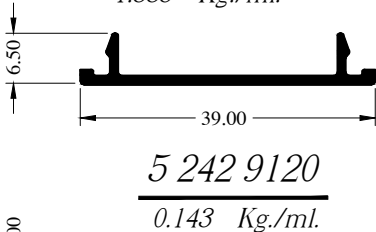
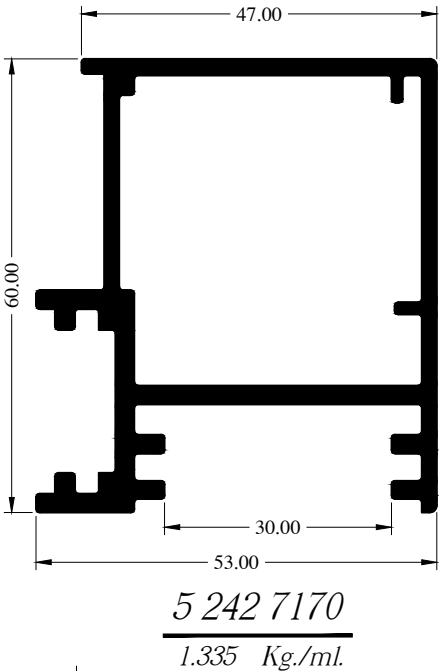
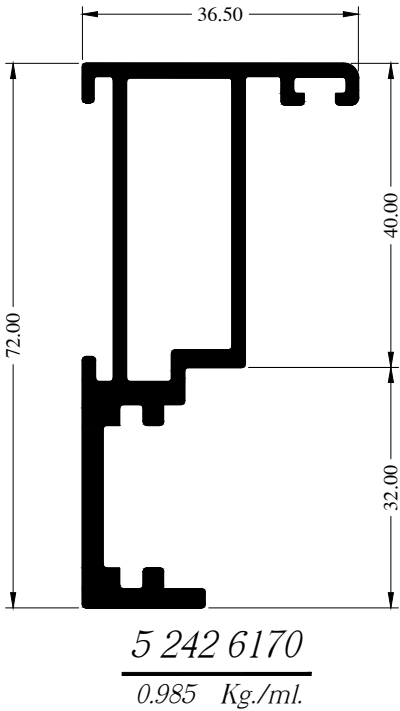
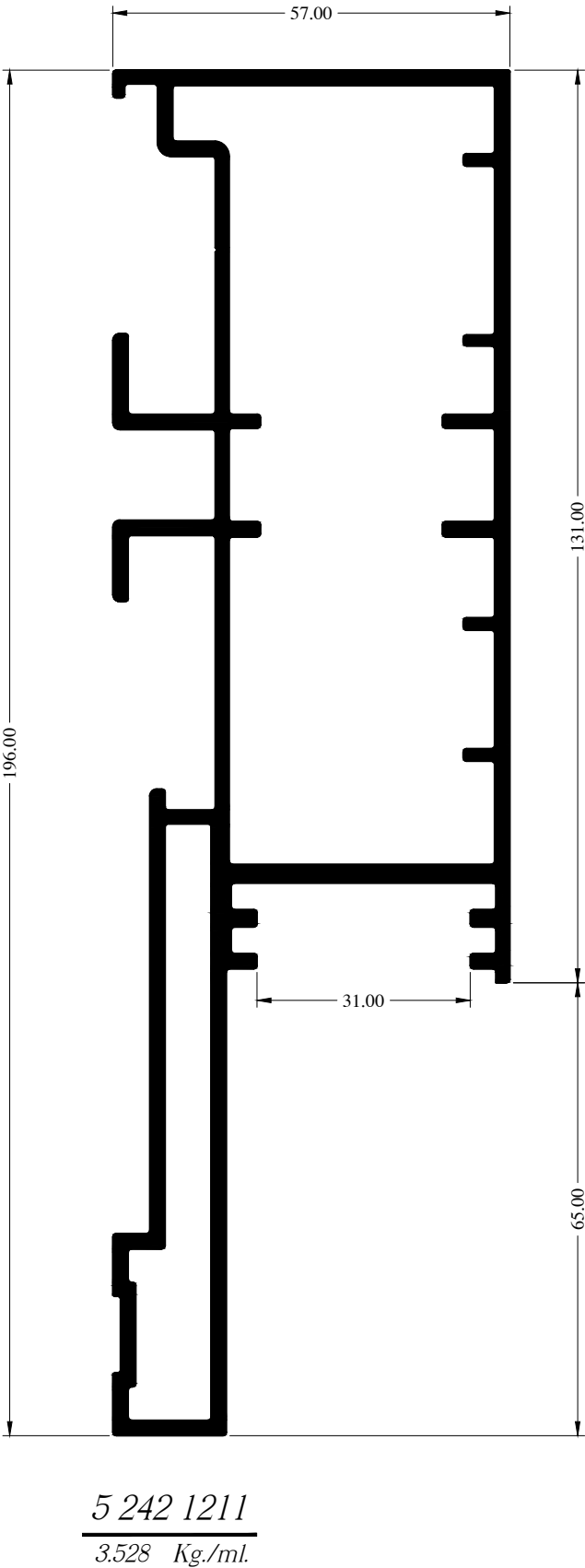
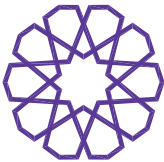


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2.133 Kg./ml.

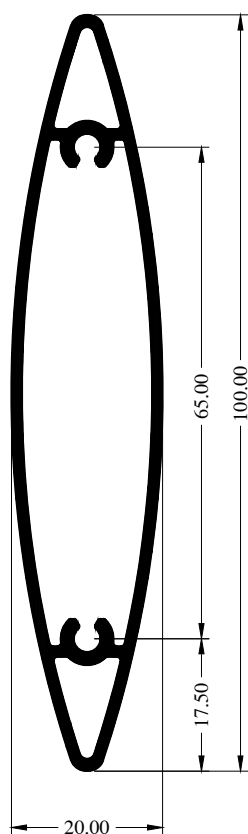
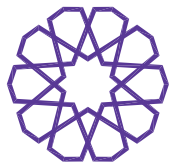


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1.413 Kg./ml.

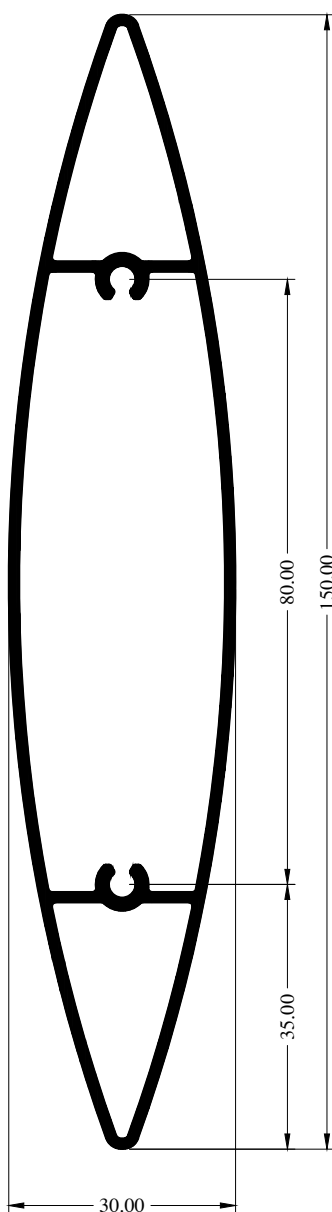
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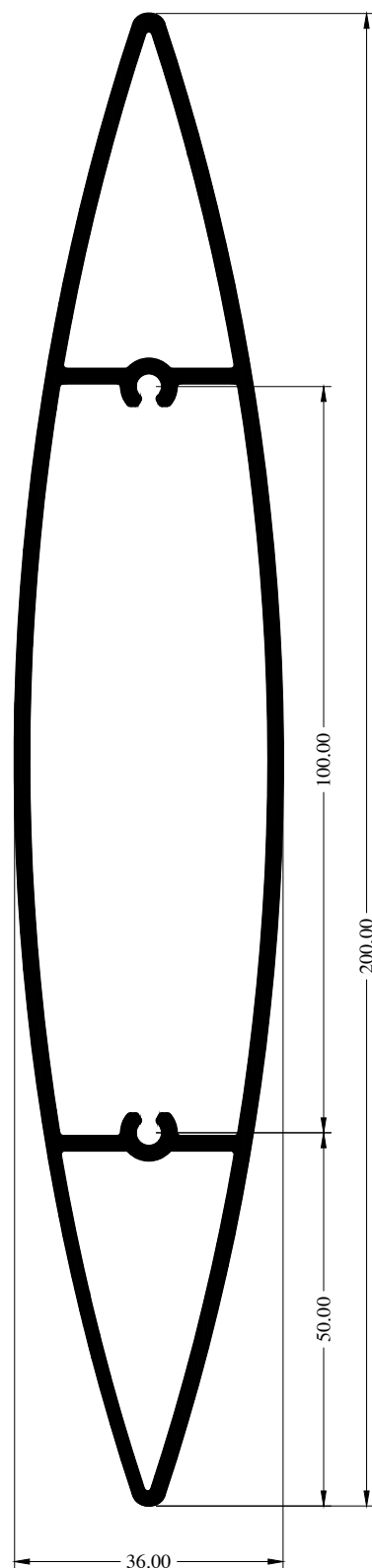
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0.772 Kg./ml.

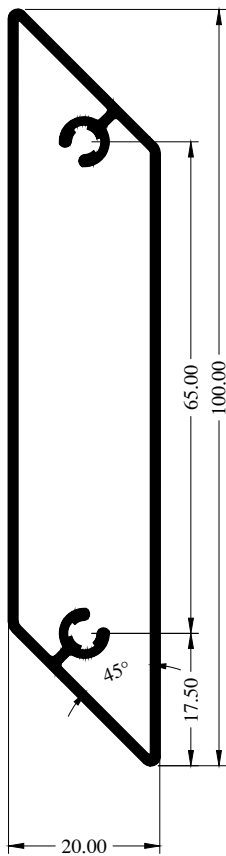
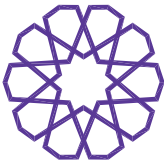


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1.269 Kg./ml.

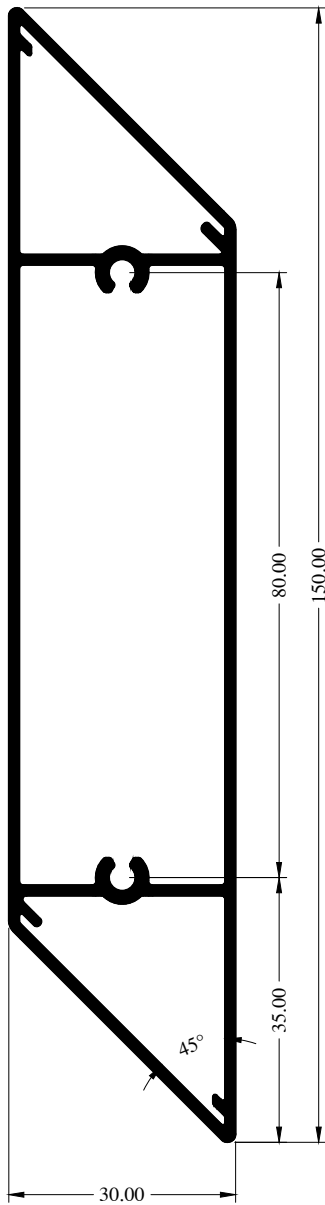


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2.303 Kg./ml.

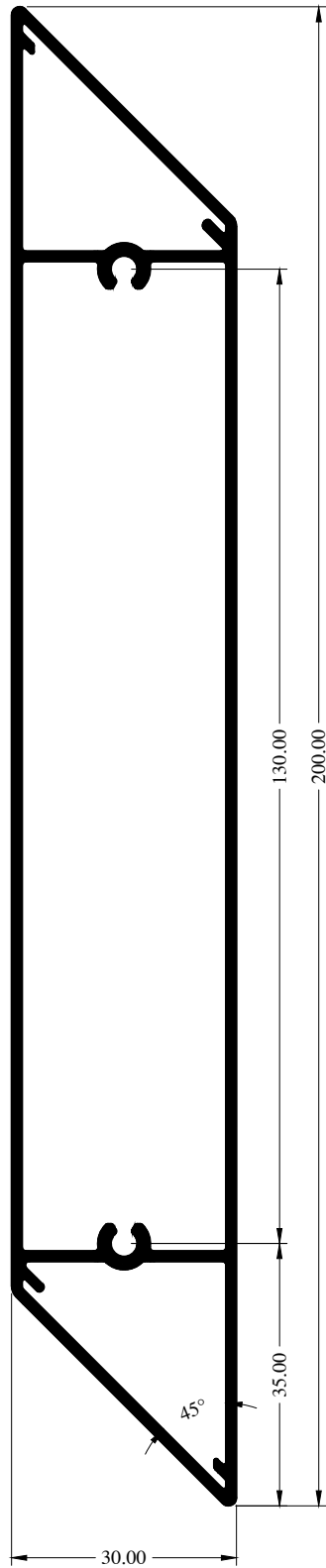
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0.799 Kg./ml.

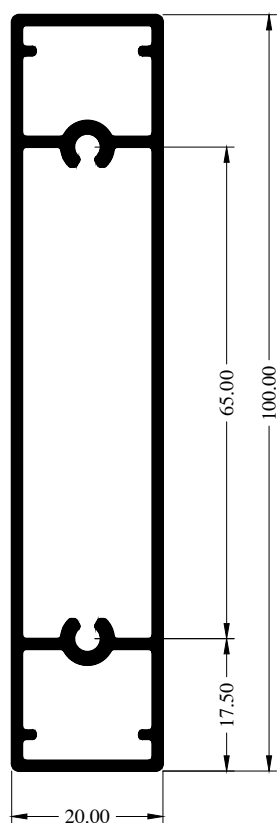
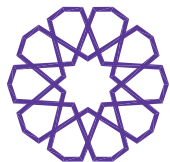


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1.307 Kg./ml.

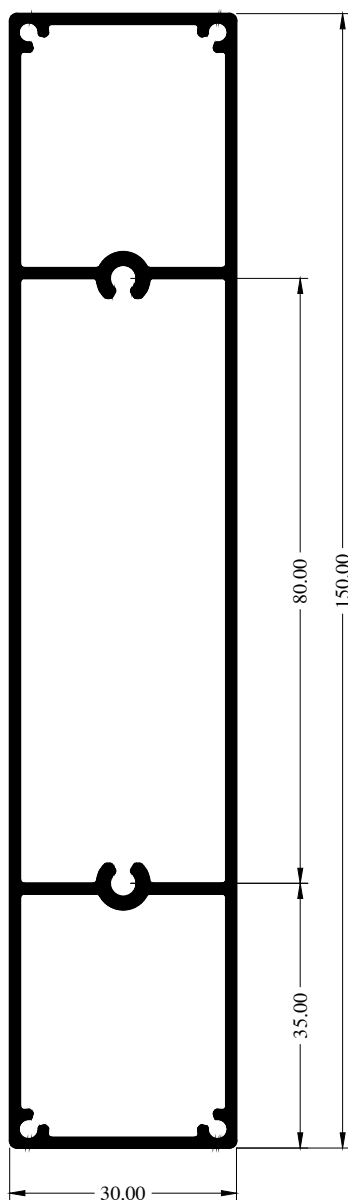


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1.631 Kg./ml.

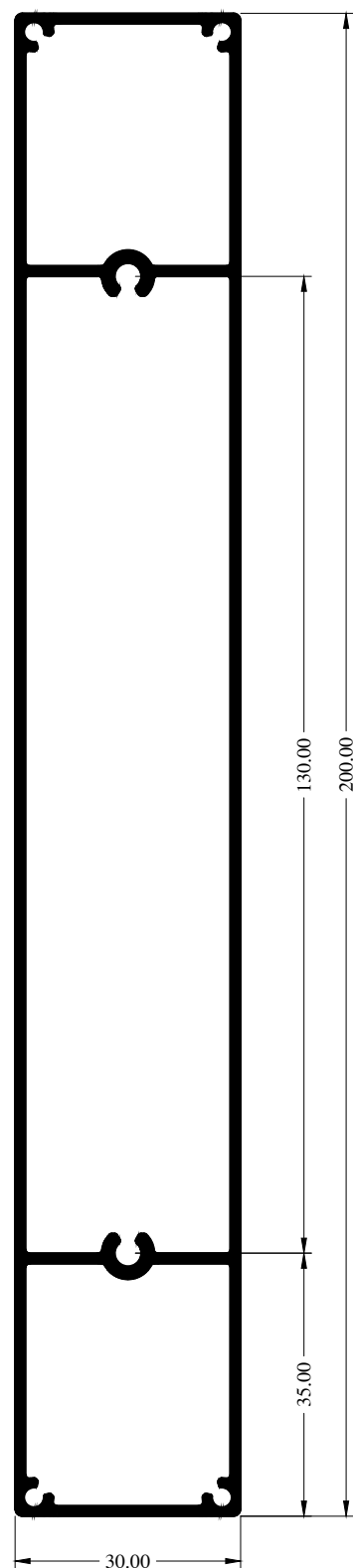
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Profile Old No.	C 4246	C 4248



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0.933 Kg./ml.

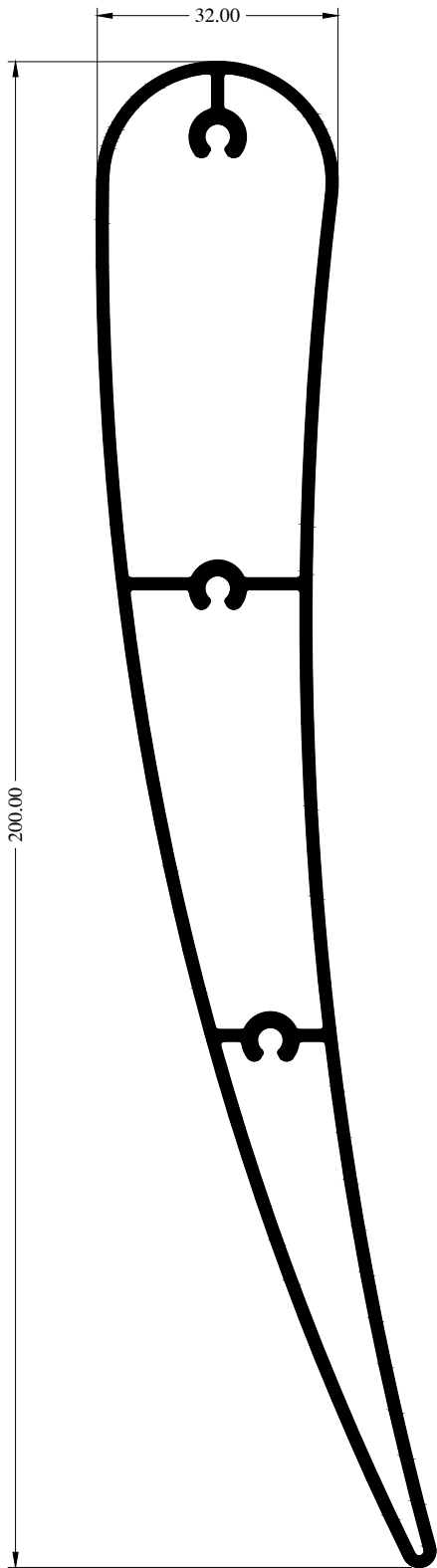
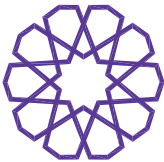


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1.431 Kg./ml.

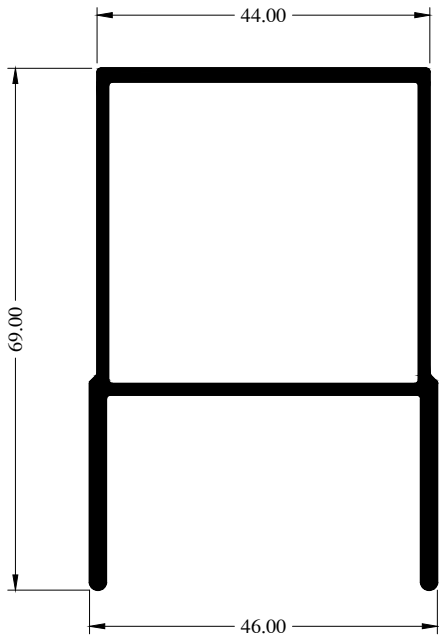


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1.757 Kg./ml.

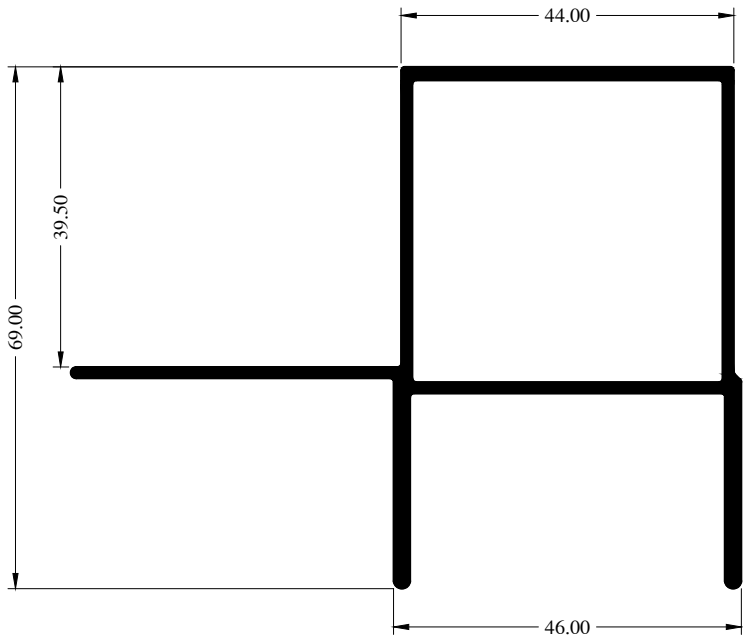
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1.789 Kg./ml.

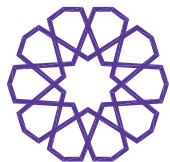


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0.882 Kg./ml.

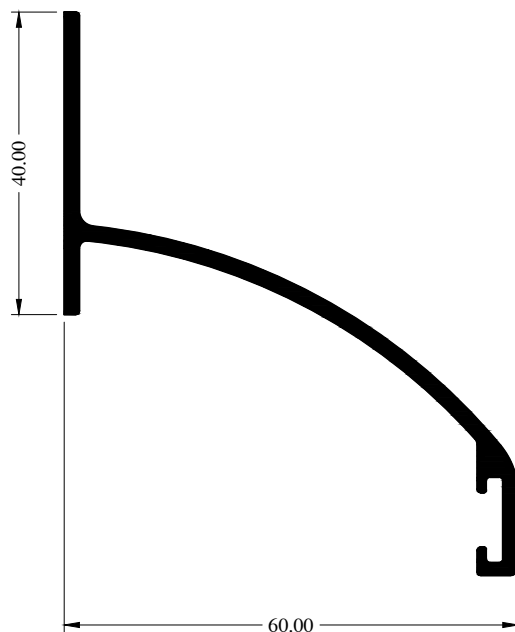


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1.034 Kg./ml.

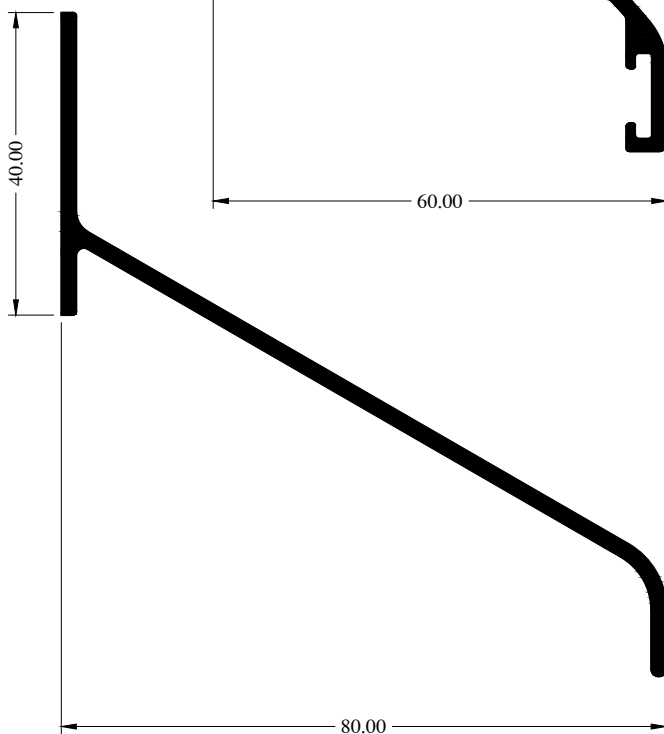
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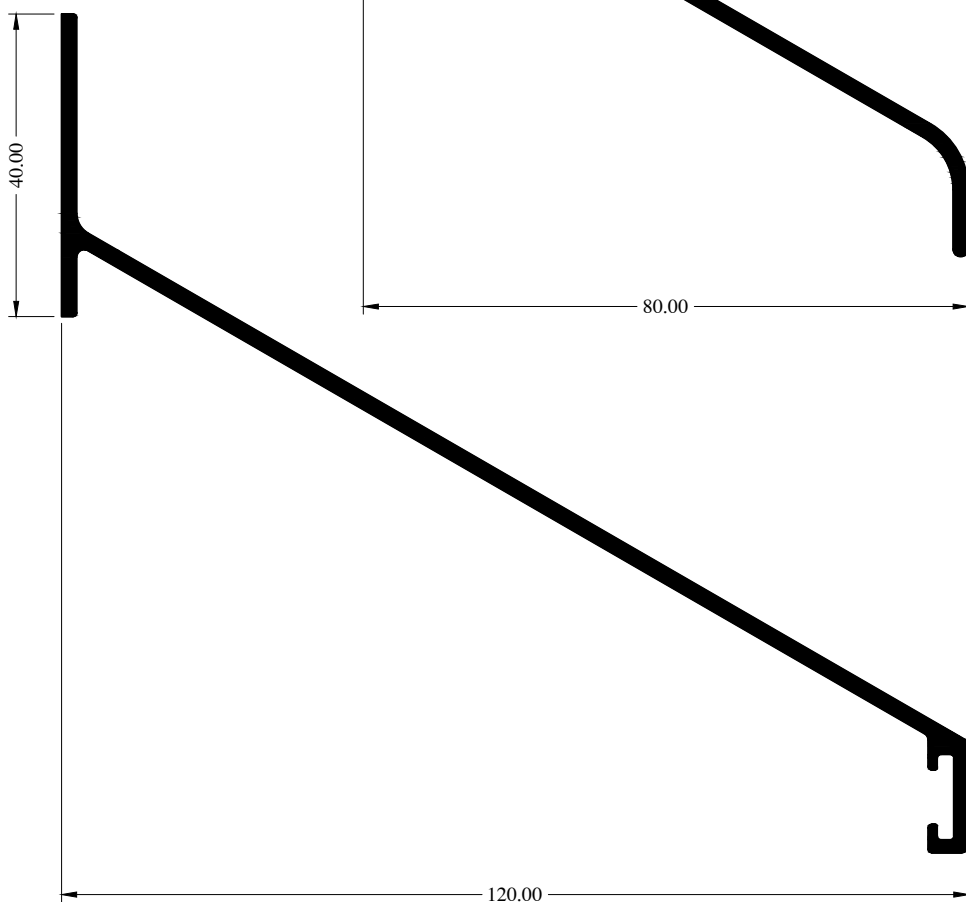
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0.638 Kg./ml.



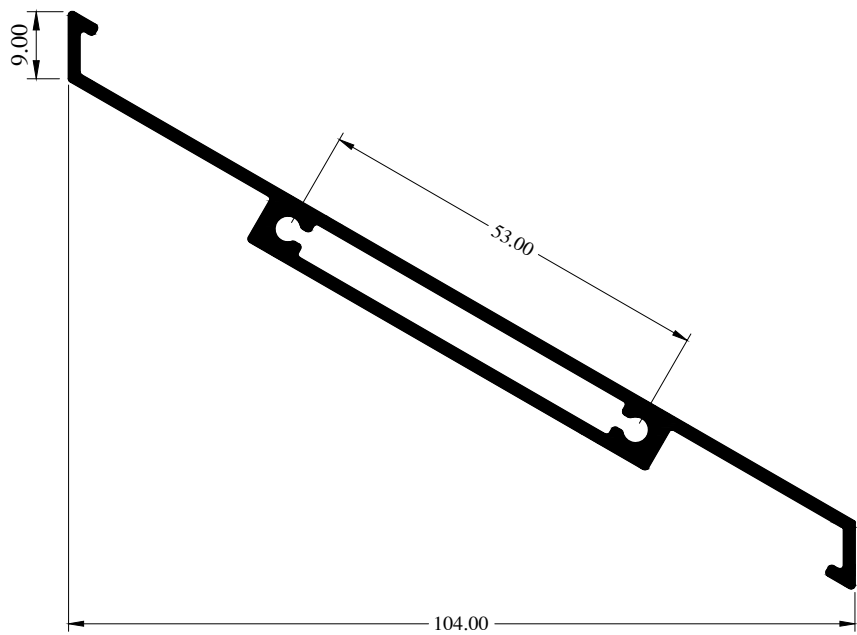
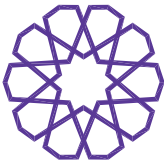
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0.699 Kg./ml.



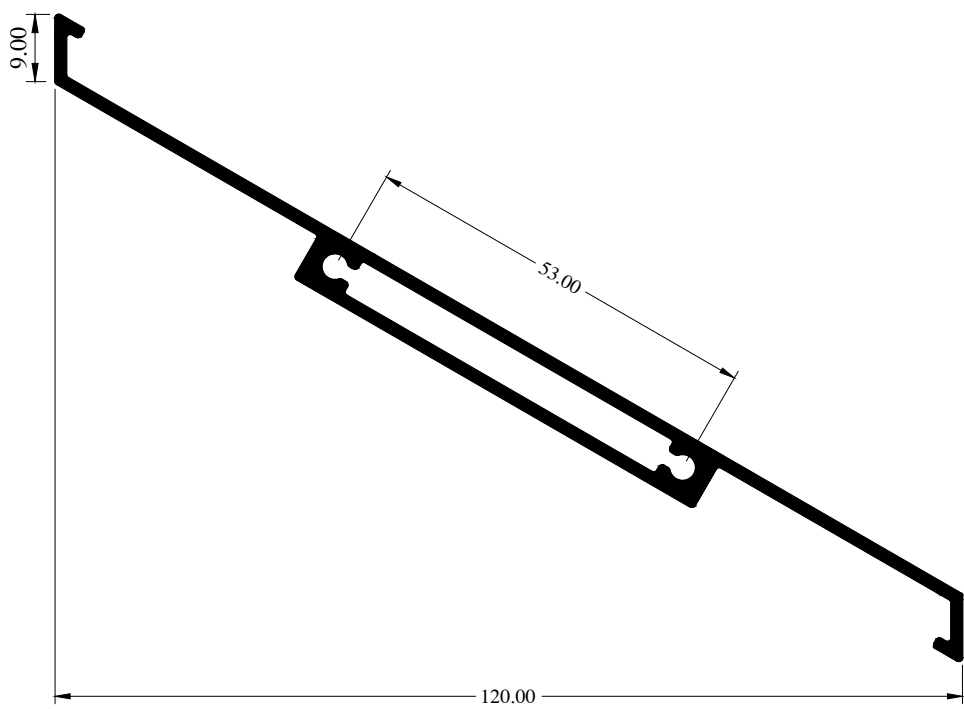
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0.974 Kg./ml.



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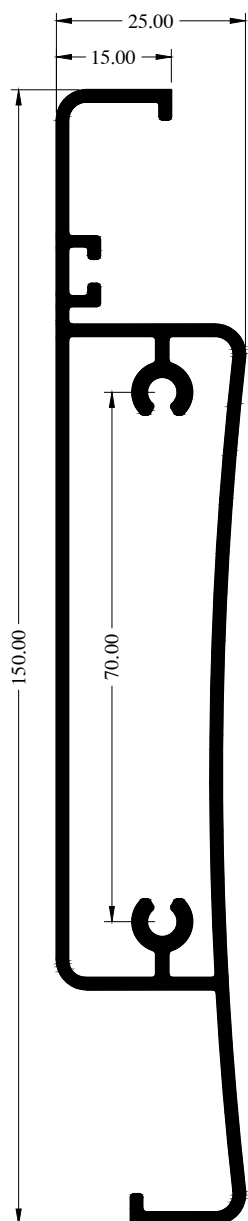
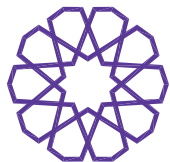


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0.808 Kg./ml.

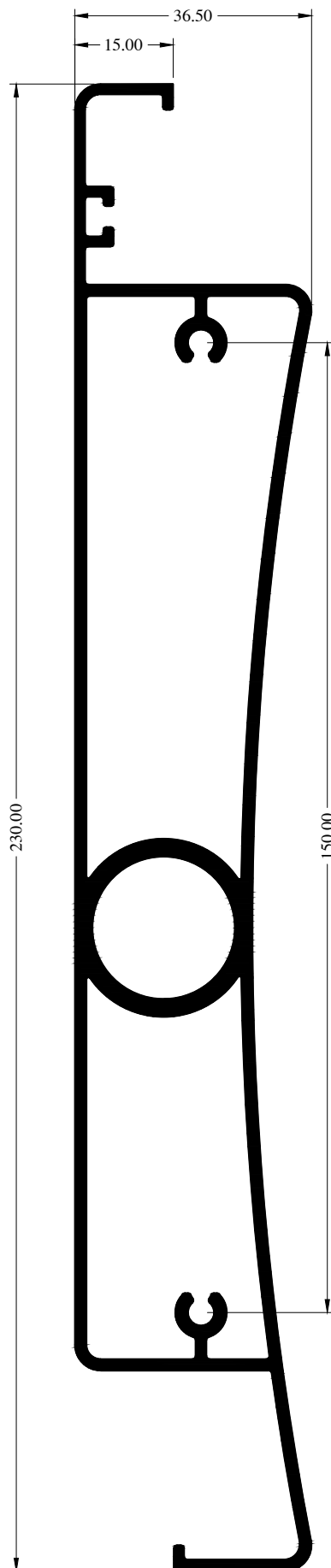


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0.872 Kg./ml.

Profile No.	5 242 3710	5 242 3712
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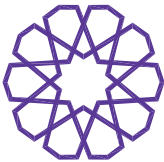


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1.365 Kg./ml.

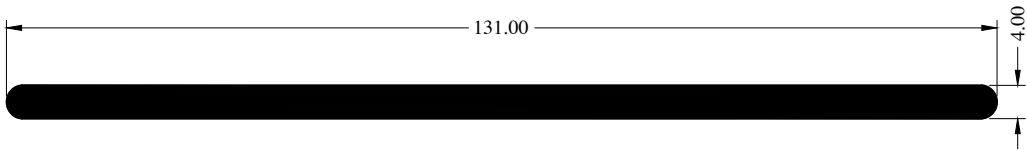


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2.642 Kg./ml.

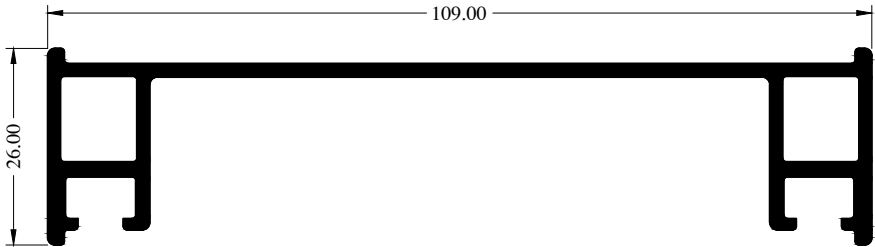
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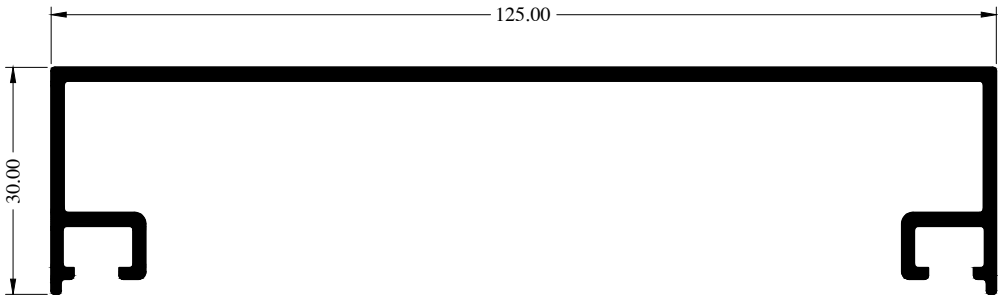
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1.411 Kg./ml.



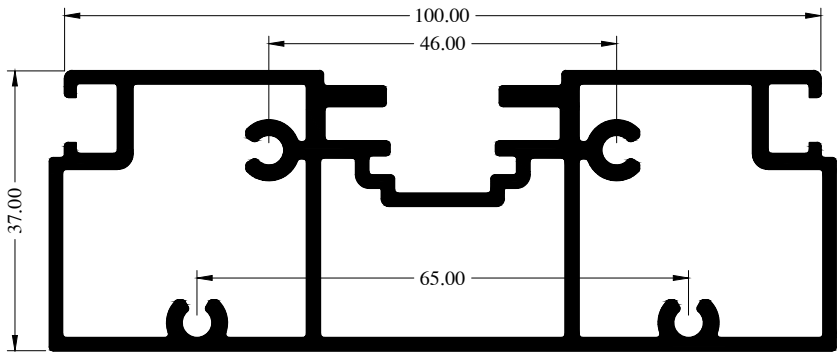
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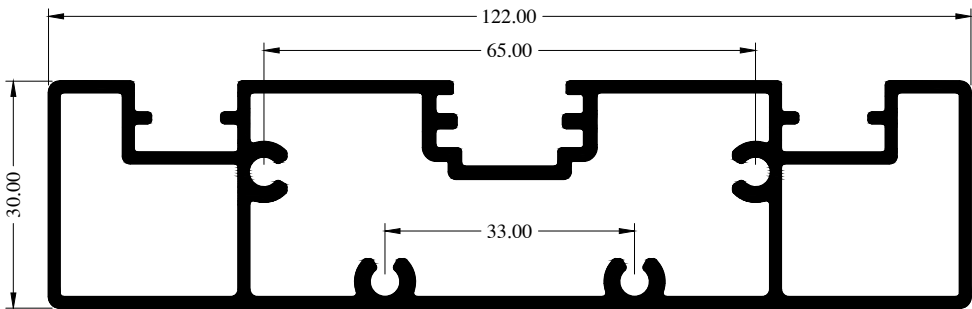
5 242 7612
0.869 Kg./ml.



5 242 7710
1.919 Kg./ml.



5 242 7712
1.636 Kg./ml.



Profile No.	5 242 7610	5 242 7612	5 242 7710	5 242 7712	5 242 9910
Profile Old No.	C 4297	C 4295	C 4292	C 4290	C 4291

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