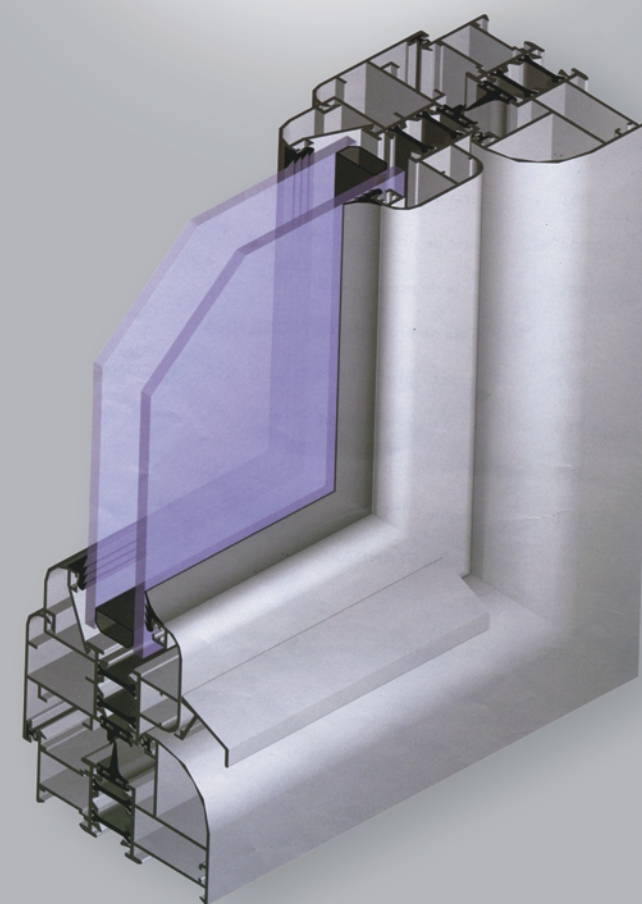
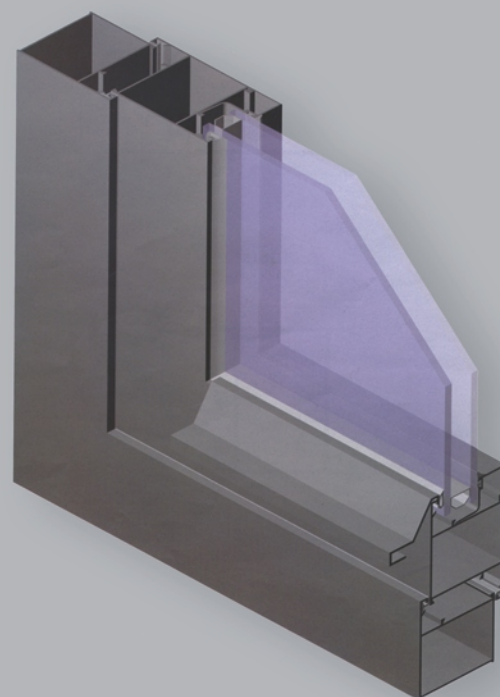




**BIAL**  
ALUMINIU SRL

membru al BIAT GROUP ROMANIA



**BIAL ALUMINIU S.R.L.**

Adresa: STR. LT. MAJ .AV. TĂNASE BANCIU; nr . 2  
POPEȘTI LEORDENI, Jud ILFOV

Tel.: 021 4921032; 021 4921034; Fax: 021 4921192

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[www.biatgroup.ro](http://www.biatgroup.ro)

2007  
**Catalog de profile și accesorii**  
**Profiles & Accessories Catalog**



SR EN ISO 9001:2001  
Nr. 788

Stimați clienți,

Societatea Bi-AL ALUMINIU produce și comercializează o gamă largă de profile extrudate la cald din aliaje de aluminiu, vopsite cu pulbere în câmp electrostatic, cu destinație comercială, utilizate la tâmplărie metalică, confecții metalice și în alte domenii.

Societatea noastră are o fabrică modernă în POPEȘTI LEORDENI, precum și magazine de prezentare și desfacere în orașele: București, Constanța, Slatina, Bacău, Cluj, Iași, Pitești, Craiova, Ploiești, Suceava, Galați, Baia Mare, Râmnicu Vâlcea, Târgu-Jiu, Târgoviște, Buzău, Drobeta Turnu Severin, Brașov.

Profilele sunt fabricate prin procedee tehnologice moderne (turnare continuă cu răcire zonală, extrudare la cald de precizie ridicată cu prese hidraulice automate comandate prin computer, tratament termic în cuptor cu ciclu complet automatizat, vopsire cu vopsea pulbere în câmp electrostatic pe o linie automată dotată cu roboți, etc.) care asigură stabilitatea procesului de producție și calitatea constantă. Sistemul de management al calității certificat conform SR EN ISO 9001:2001 și personalul de specialitate de înaltă calificare sunt garanția obținerii unor produse de foarte bună calitate.

Toate produsele noastre sunt fabricate din aliaje de înaltă puritate de tip AlMgSi, din mărcile EN AW-6060(6063), conform SR EN 573-3, produse de ALRO Slatina pentru care se garantează compoziția chimică. După extrudare, profilele sunt tratate termic pentru uniformizarea, stabilizarea și mărirea caracteristicilor mecanice, precum și pentru eliminarea tensiunilor interne. Caracteristicile mecanice minime obținute corespund stării de livrare T6 conform SR EN 515 și sunt, conform SR EN 755-2, următoarele:

|                                     |               |
|-------------------------------------|---------------|
| Rezistența la rupere R <sub>m</sub> | 190...215 MPa |
| Limita de curgere R <sub>p0.2</sub> | 150...170 MPa |
| Alungirea la rupere A <sub>50</sub> | min 6%        |
| Duritatea Webster                   | 10...12       |

Condițiile tehnice de inspecție și de livrare sunt conforme cu **SF 1-2001**, **SR EN 755-1** și **SR EN 12020-1:2001**. Profilele sunt vopsite, după o pregătire chimică corespunzătoare a suprafețelor, cu vopsea pulbere în câmp electrostatic, în culorile comandate de client, dar se pot livra și profile eloxate sau natur.

Profilele fabricate de noi au toate caracteristicile tehnice, conform standardelor internaționale pentru acest tip de produse, astfel:

- Utilizarea aliajelor de calitate și a tratamentelor termice corecte asigură caracteristicile mecanice garantate;
- Grosimea minimă a peretelui de **1,2 mm** asigură rezistența și rigiditatea necesară, precum și posibilitatea asamblărilor cu șuruburi autofiletante;
- Extrudarea de precizie ridicată asigură toleranțe foarte mici pentru dimensiunile secțiunii transversale, la linearitate și planietate, asigurând montajul corect și îmbinarea perfectă;
- Tratamentul chimic al suprafețelor printr-o tehnologie modernă și ecologică de conversie chimică, aplicarea unei vopsiri de calitate superioară cu pulbere poliesterică în câmp electrostatic și grosimea stratului de vopsea de minim **60...80 mm** (sau a stratului eloxat de **15 mm**) asigură aderența și rezistența peliculei pe o durată de minim 10 ani, fără apariția decolorării sau exfolierii peliculei;
- Fabricarea îngrijită, controlul de calitate sever și un ambalaj corespunzător care protejază produsele pe timpul transportului și depozitării elimină posibilitatea deformării sau zgârierii lor.

Noi punem la dispoziția Dvs. atât seriile de profile produse de Bi-AL, conform catalogului, cât și întreaga gamă de accesorii de la producători specializați: feronerie, garnituri, elemente de asamblare, chituri și masticuri de etanșare, etc. Deasemenea punem la dispoziția constructorilor gama completă de mașini, scule și dispozitive pentru executarea corectă, rapidă și de calitate a confecțiilor metalice din profile de aluminiu.

În afară de profilele cuprinse în catalog fabricăm la comandă orice profil din aluminiu cu secțiunea maximă înscrisă într-un cerc cu diametrul de 160 mm.

Specialiștii noștri sunt permanent la dispoziția Dvs. pentru consultanță și informații în orice problemă legată de domeniul nostru de activitate și de necesitățile Dvs. Vă invităm să ne contactați la magazinele noastre de prezentare și desfacere sau prin [www.bial.ro](http://www.bial.ro) și [office@bial.ro](mailto:office@bial.ro).



## Factory:

POPEȘTI LEORDENI, str. Lt. maj. av. Tănase Banciu nr. 2, jud. Ilfov  
Tel. (+4021) 4921032; 4921034, Fax. (+4021) 4921033



SR EN ISO 9001:2001  
Nr. 788

*Dear clients,*

**Bi-AL ALUMINIU** Company produce and commercialize a variety of aluminum alloy extruded profiles, painted with powder in electrostatic field, trade designation, used in metallic work, metal joinery for architectural applications and other domains.

Our company has a modern factory in **Popești Leordeni**, inclusive show & selling-out shops in **București, Constanța, Slatina, Bacău, Cluj, Iași, Pitești, Craiova, Ploiești, Suceava, Galați, Baia Mare, Râmnicu Valcea, Targu-Jiu, Targoviste, Buzău, Drobeta Turnu Severin, Brașov**.

These profiles are manufactured with an up-to-date process (continuously casting with zonal cooling, high precision hot extruding with automatic hydraulic press computer controlled, ageing treatment in full automation furnace, painting with powder paint in electrostatic field on an automatic line with robots, etc.) which assure the production process stability and the constancy quality.

All our products are made from high pure alloys **AlMgSi** type, **EN AW-6060 (6063)**, according to **SR EN 573-3**, chemical composition guaranteed. After extruder, our profiles are age hardened at 200 °C for homogenization, stabilization and increasing of mechanical characteristics, same as for elimination of internal tensions. The minimal mechanical characteristics obtained answer to delivery status **T6 (SR EN 515)** and are, according to **SR EN 755-2**, as the following:

|                                 |               |
|---------------------------------|---------------|
| Tensile strength Rm             | 195...215 MPa |
| Elastic limit R <sub>po.2</sub> | 150...170 MPa |
| Elongation A <sub>50</sub>      | min 6%        |
| Webster hardness units          | 10...12       |

Inspection and delivery technical conditions are according to **SF 1-2001** and **SR EN 12020-1:2001**. The profiles are painted, after a corresponding chemical preparation of the surfaces, with powder paint in electrostatic field, with the color ordered by the client, but the profiles can be delivered both anodized and in natural color.

The profiles manufactured by our company have all the technical characteristics, according to the international standards for this type of products, as:

The quality of the alloys used and the adequacy caloric treatments assure the certified mechanical characteristics

The **1,2 mm** minimal wall thickness assure the needed endurance and stiffness, same as the possibility of assembling using self thread screws;

The high precision extrusion assure very small tolerance for the sectional dimensions, linearity, convexity-concavity, assuring the right joint and fitting;

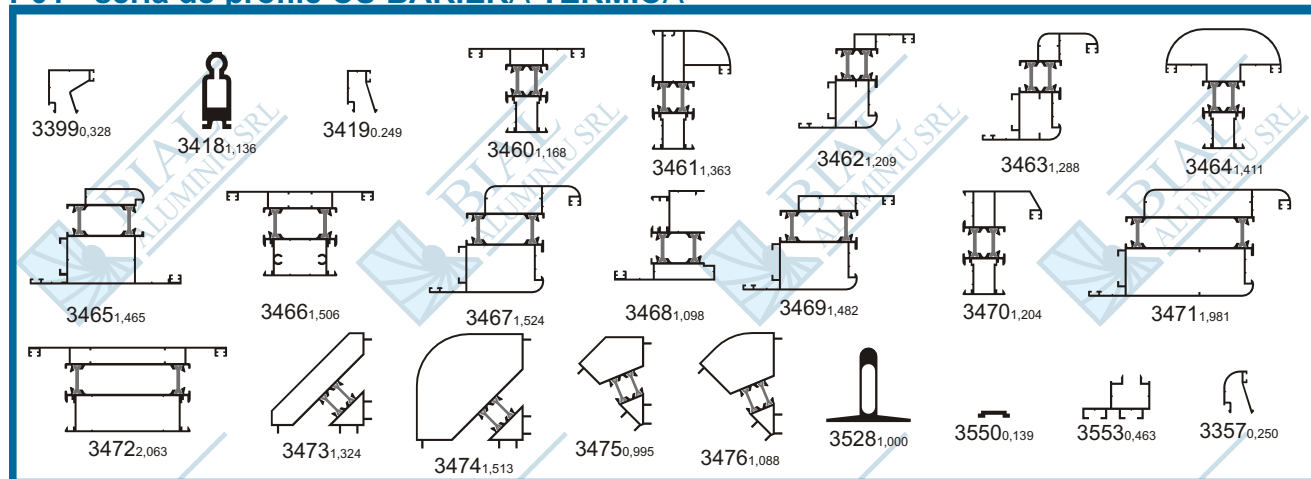
The chemical treatment of the surfaces, using an up-to-date & ecological chemical translation technology, the high quality painting with polyester powder in electrostatic field and the **60...80 μm** minimal painting thickness (or the **15 μm** of the anodized layer) assure the adhesiveness and the endurance of the pellicle for at least 10 years, without discoloration or exfoliation;

Carefully manufactured, sever quality control and a proper packing, that protects the products during the transportation and storage, eliminate the possibility of distortion or scratching.

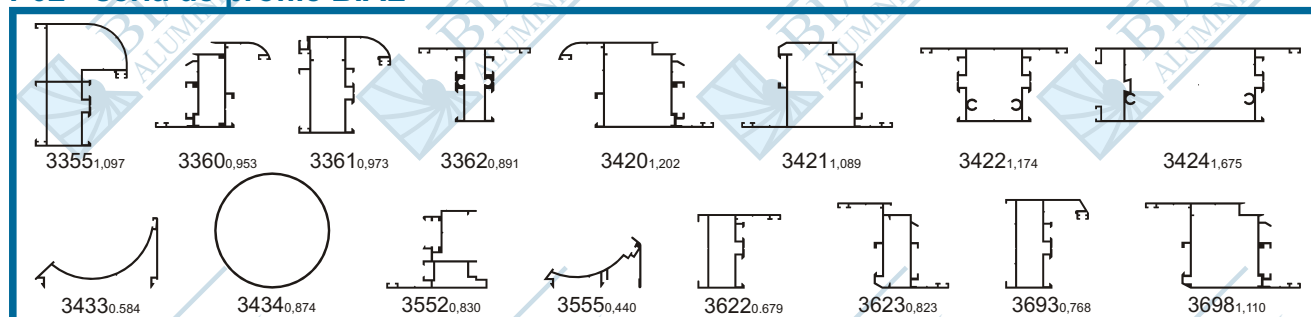
We offer you any profiles system, as in the catalog, but also all the accessories: copper fittings, fixings, assembling elements, lutes, mastic seal etc. Also, we offer for the constructors all the machines, tools and dispositions for the right, quickly and the quality execution of the metal joinery from aluminum profiles. We also can offer you, on demand, any aluminum profile with a maximum section by 160 mm diameter.

Our specialists are all the time at your service for consultation and information in any problem by our activity domain and your needs. You have all our attention and support in order to get a efficacious collaboration. Don't hesitate to visit us on our show & selling-out shops, on our website [www.bial.ro](http://www.bial.ro) or to contact us by email at [office@bial.ro](mailto:office@bial.ro)

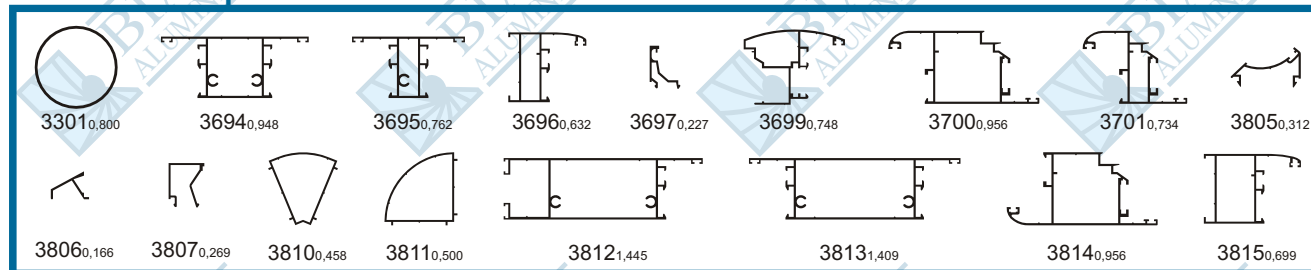
## P01 - seria de profile CU BARIERĂ TERMICĂ



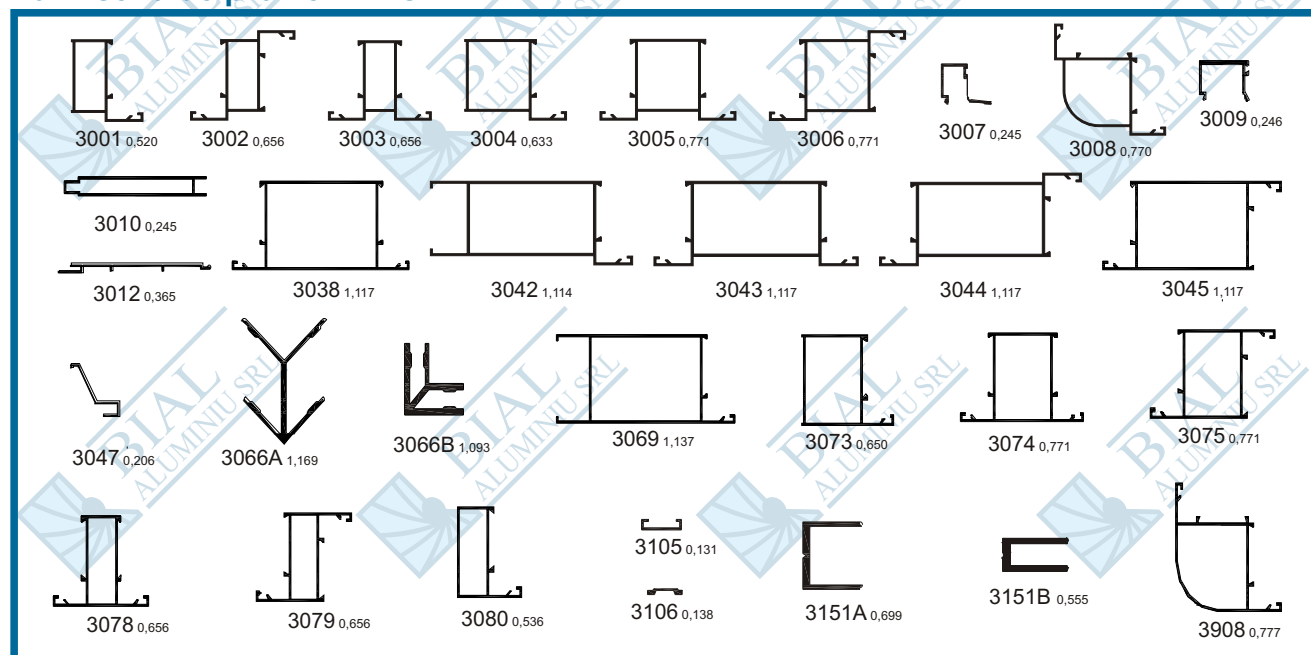
## P02 - seria de profile BIAL

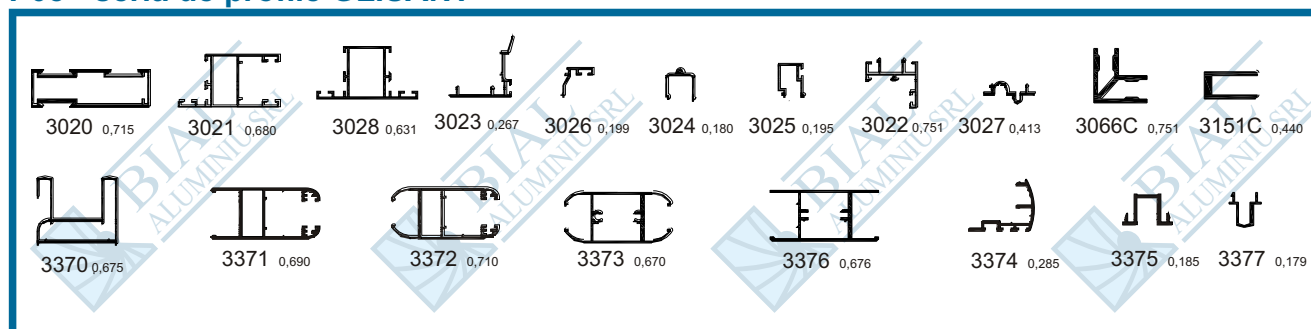
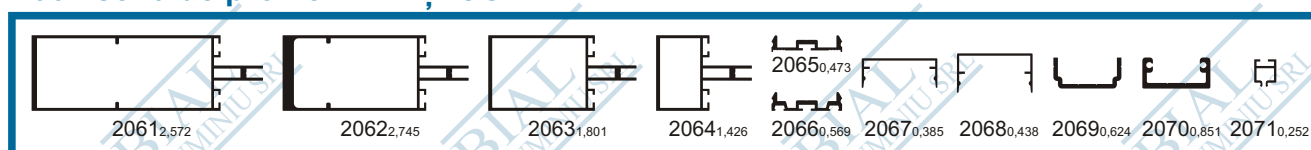
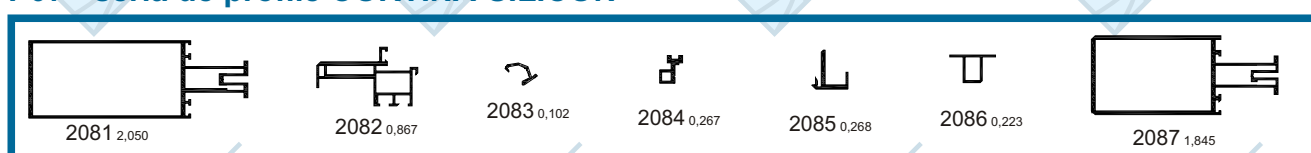
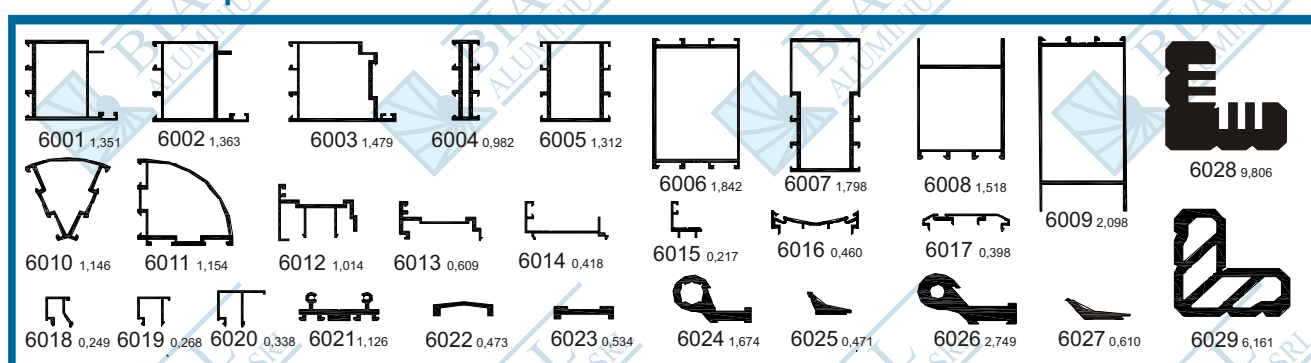
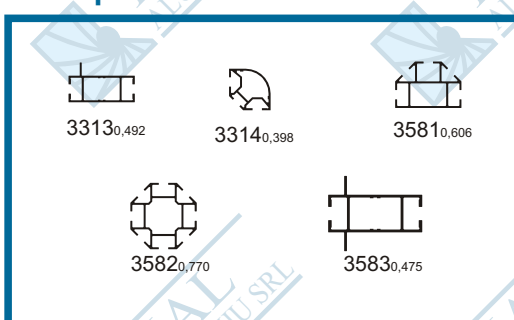
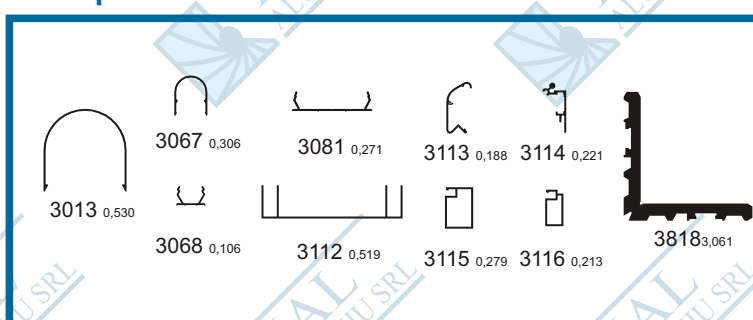
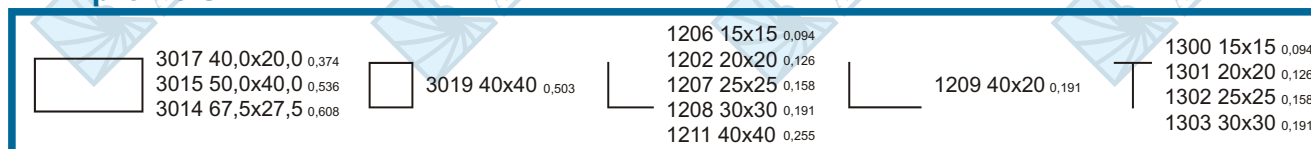


## P03 - seria de profile BIAL ECONOMIC



## P04 - seria de profile ALDOX



**P05 - seria de profile GLISANT**

**P06 - seria de profile PEREȚI CORTINĂ**

**P07 - seria de profile CORTINĂ-SILICON**

**P08 - seria de profile BIAL C 60**

**P09 - profile PENTRU RAFTURI**

**P10 - profile DIVERSE**

**P11 - profile STANDARD**










- P01 - seria de profile CU BARIERA TERMICA**
- P02 - seria de profile BIAL**
- P03 - seria de profile BIAL ECONOMIC**
- P04 - seria de profile ALDOX**
- P05 - seria de profile GLISANT**
- P06 - seria de profile PEREȚI CORTINĂ**
- P07 - seria de profile CU PEREȚI CORTINA-SILICON**
- P08 - seria de profile BIAL C 60**
- P09 - seria de profile PENTRU RAFTURI**
- P10 - seria de profile DIVERSE**
- P11 - profile STANDARD**

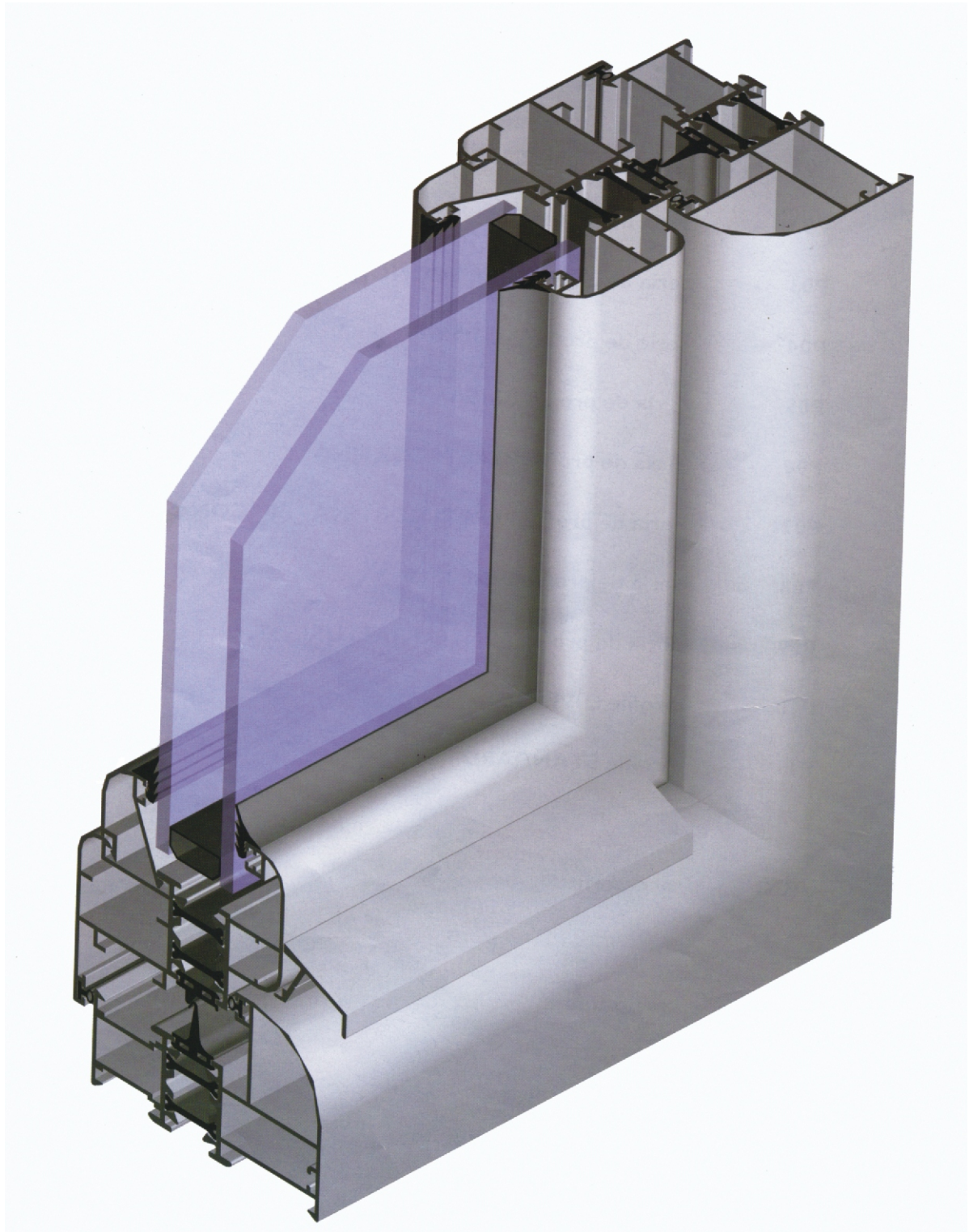
**ACC - accesorii**

**SHP - magazine**

**NOTE:**

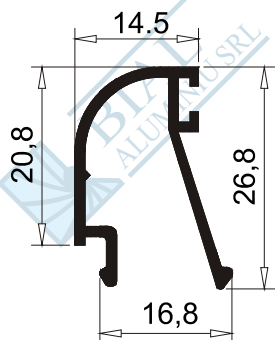
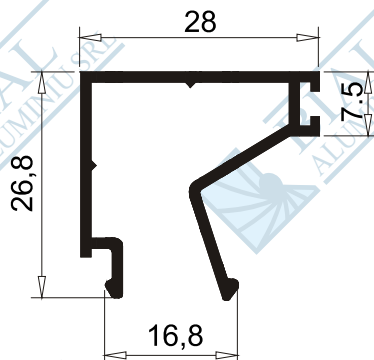
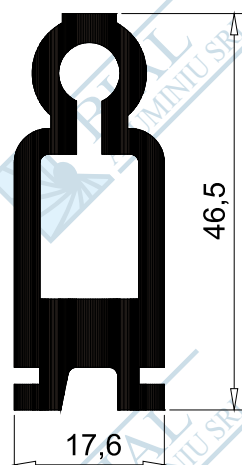
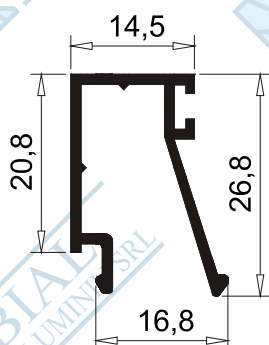
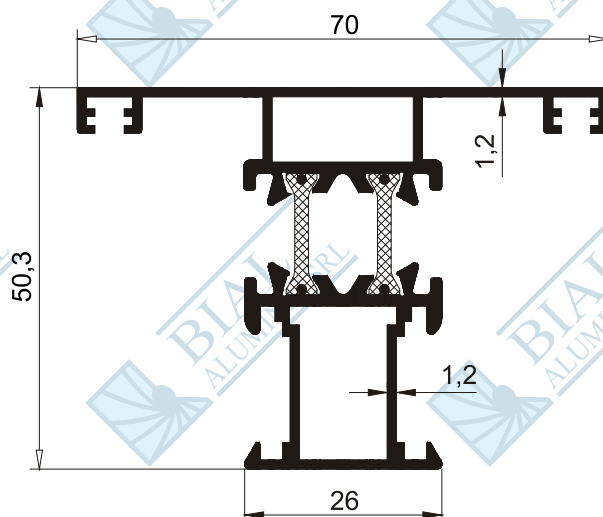
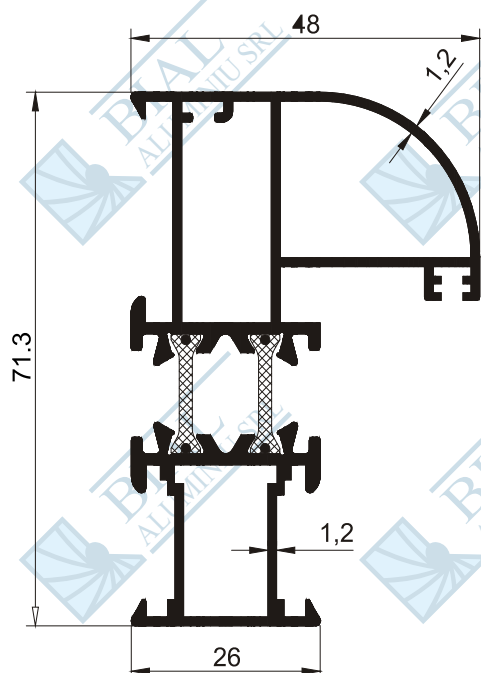
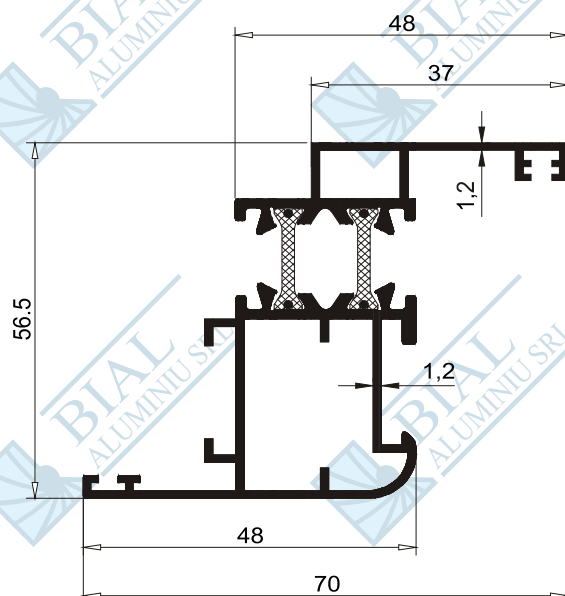
1. Masa profilelor din catalog este teoretică și se referă la profile natur.
2. Pentru profile vopsite se adaugă în plus 4-5 %.
3. Datorită toleranțelor la grosimea profilelor admise de standard SR EN 12020:2001, masa profilelor poate fi diferită cu 15-30%, funcție de mărimea și configurația profilelor.
4. Pentru a fi siguri că o cantitate de profile este suficientă pentru o anumită construcție, toate calculele și comenzile se vor face în ml (metri liniari) sau la număr de bare.



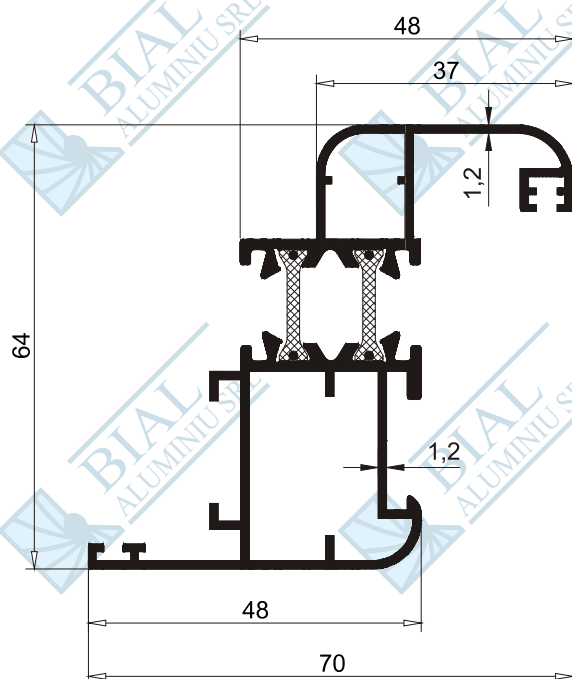




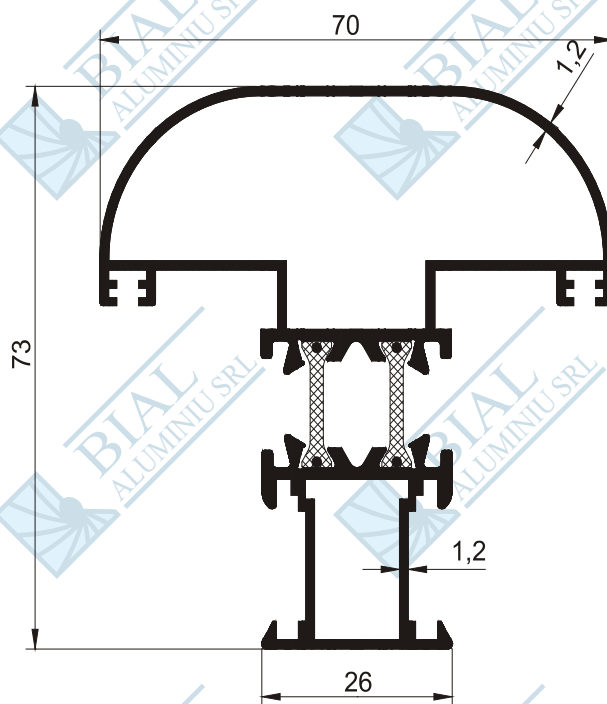
| Cod  | Denumire profil       | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|-----------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                       |                        |                                      | total           | exterior |        |
| 3357 | Bagheta               | 0,250                  | 92,3                                 | 151,7           | 151,7    | P01.2  |
| 3399 | Baghetă               | 0,328                  | 121,1                                | 200,3           | 200,3    | P01.2  |
| 3418 | Piesă imbinare        | 1,136                  | 423,6                                | 231,7           | 146,4    | P01.2  |
| 3419 | Baghetă               | 0,249                  | 92,1                                 | 151,5           | 151,5    | P01.2  |
| 3460 | Teu drept mic         | 1,168                  | 384,7                                | 556,8           | 443,4    | P01.2  |
| 3461 | Toc rotund            | 1,363                  | 453,2                                | 147,9           | 674,5    | P01.2  |
| 3462 | Cercevea dreaptă      | 1,209                  | 390,2                                | 592,0           | 439,7    | P01.2  |
| 3463 | Cercevea rotundă      | 1,288                  | 418,9                                | 639,7           | 470,7    | P01.3  |
| 3464 | Teu rotund            | 1,411                  | 460,1                                | 709,3           | 463,3    | P01.3  |
| 3465 | Teu ușă exterioară    | 1,465                  | 486,7                                | 722,5           | 505,1    | P01.3  |
| 3466 | Teu mare              | 1,506                  | 532,7                                | 754,7           | 514,8    | P01.4  |
| 3467 | Cercevea rotundă mare | 1,524                  | 526,4                                | 797,2           | 556,6    | P01.4  |
| 3468 | Adaptor               | 1,098                  | 365,9                                | 533,6           | 445,4    | P01.4  |
| 3469 | Cercevea dreaptă mare | 1,482                  | 499,6                                | 753,5           | 525,6    | P01.5  |
| 3470 | Toc drept             | 1,204                  | 394,3                                | 578,9           | 446,2    | P01.5  |
| 3471 | Cercevea rotundă grea | 1,981                  | 695,1                                | 1048,0          | 678,6    | P01.5  |
| 3472 | Plinta ușă            | 2,063                  | 670,2                                | 967,0           | 638,8    | P01.6  |
| 3473 | Colț 90° drept        | 1,324                  | 457,7                                | 636,7           | 389,9    | P01.6  |
| 3474 | Colț 90° rotund       | 1,513                  | 527,8                                | 741,7           | 442,2    | P01.6  |
| 3475 | Colț 45° drept        | 0,995                  | 338,2                                | 467,2           | 303,0    | P01.6  |
| 3476 | Colț 45° rotund       | 1,088                  | 372,4                                | 517,0           | 327,9    | P01.7  |
| 3528 | Piesa imbinare        | 1,000                  | 373,8                                | 252,2           | 183,0    | P01.7  |
| 3550 | Sina                  | 0,139                  | 51,7                                 | 50,8            | 50,8     | P01.7  |
| 3553 | Portperie             | 0,463                  | 170,9                                | 253,8           | 253,8    | P01.7  |

**3557**  
0,250 kg/m**3399**  
0,328 kg/m**3418**  
1,136 kg/m**3419**  
0,249 kg/m**3460**  
1,168 kg/m**3461**  
1,363 kg/m**3462**  
1,209 kg/m

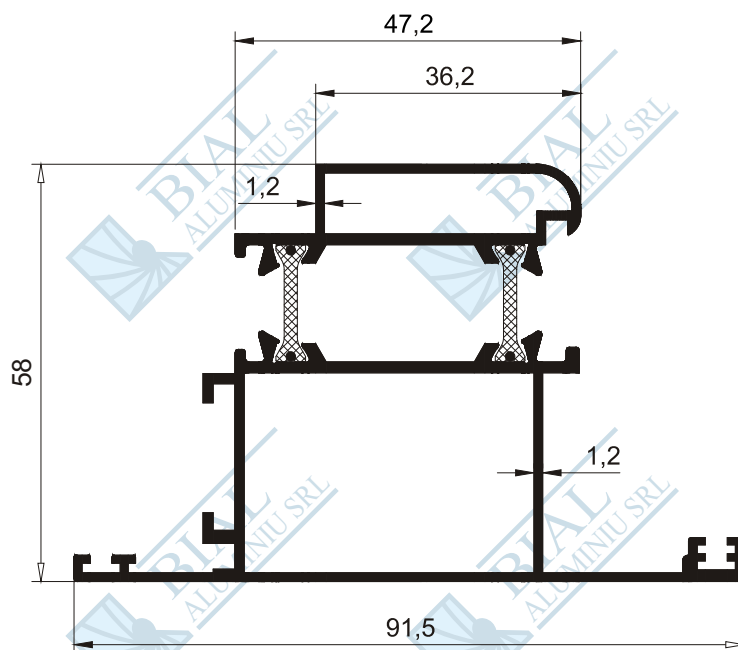
**3463**  
1,288 kg/m



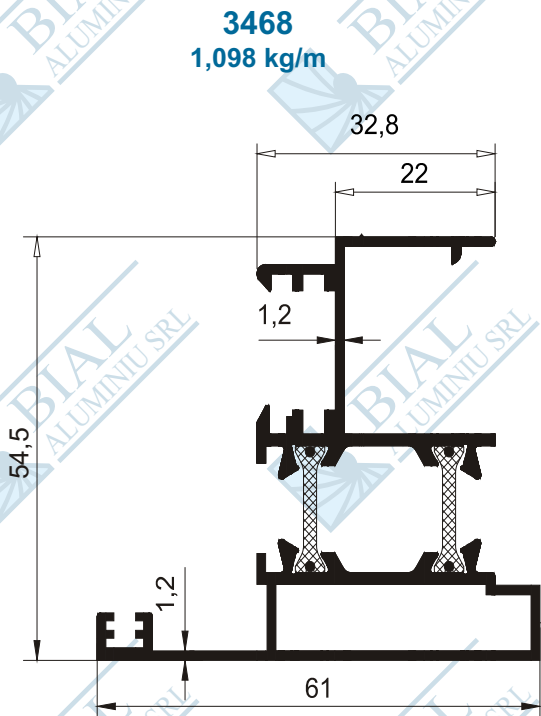
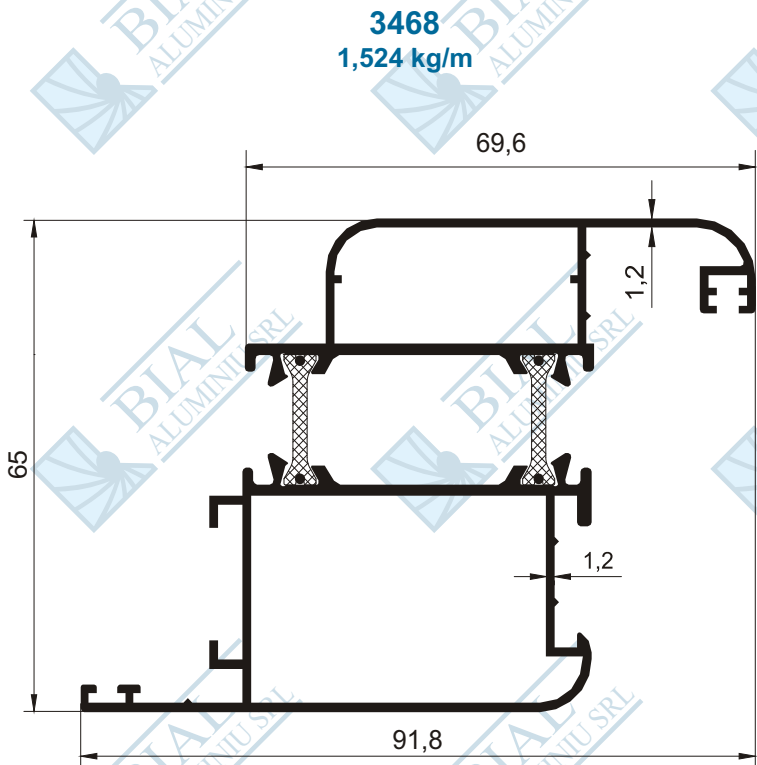
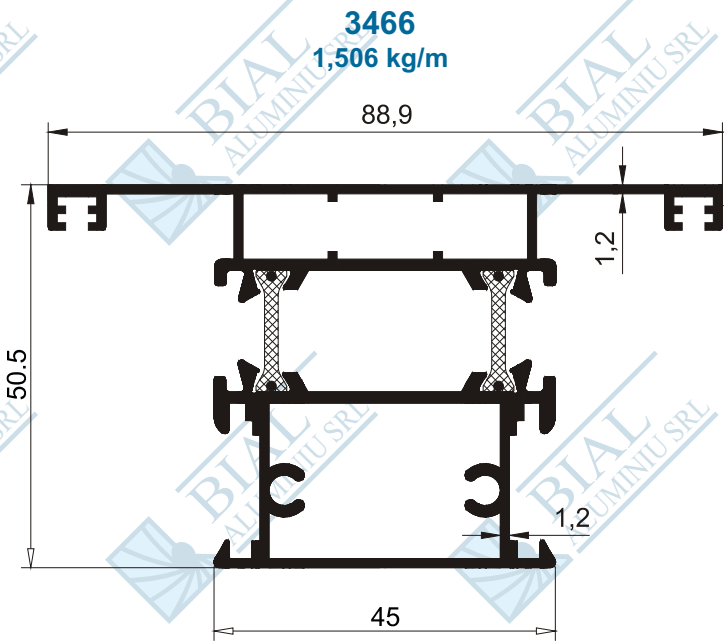
**3464**  
1,411 kg/m

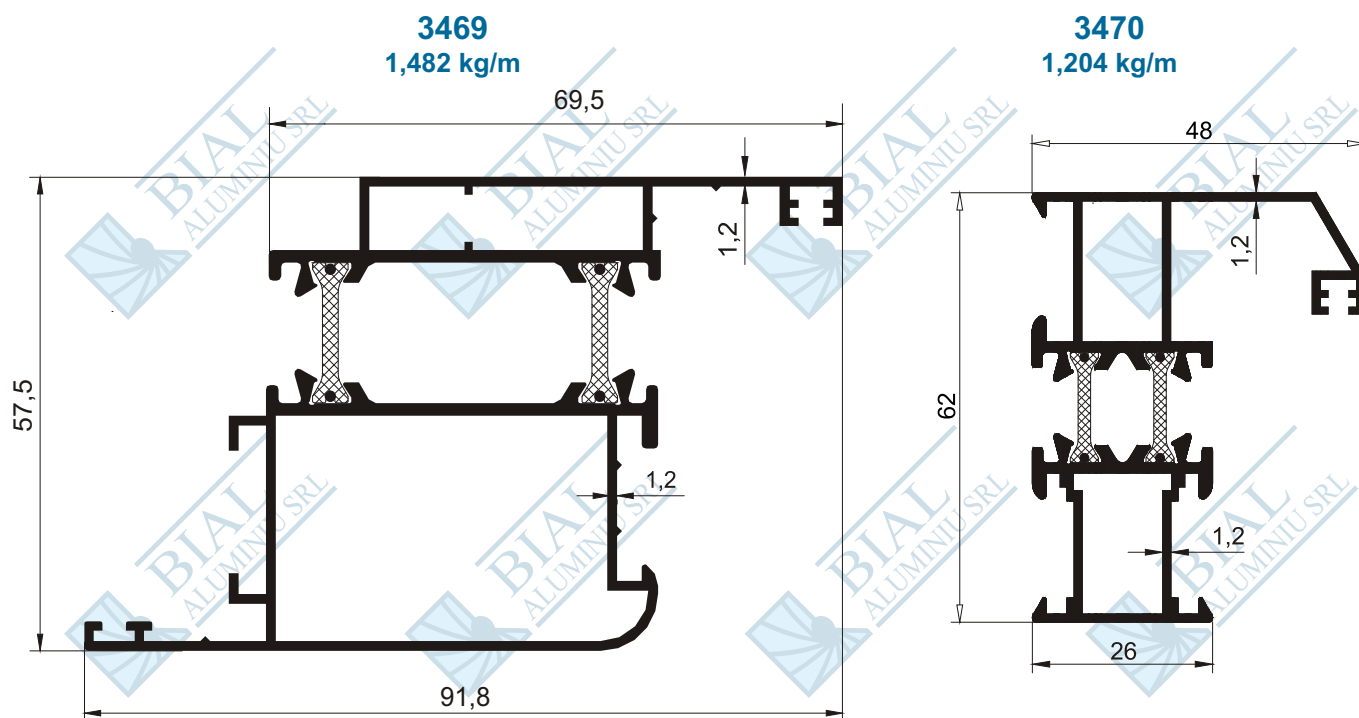


**3465**  
1,465 kg/m

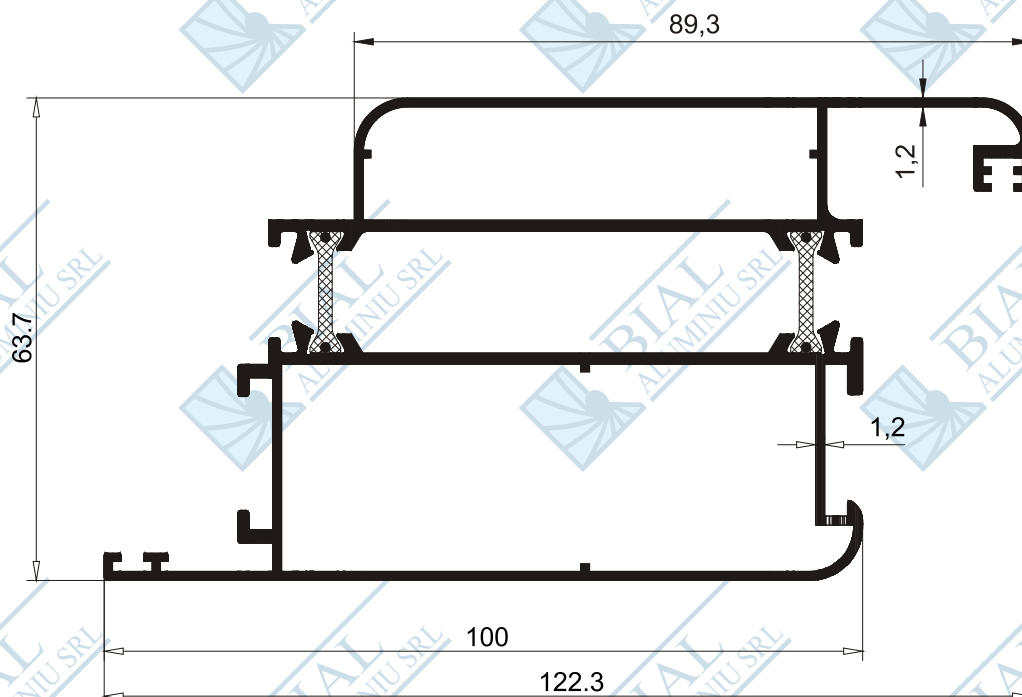




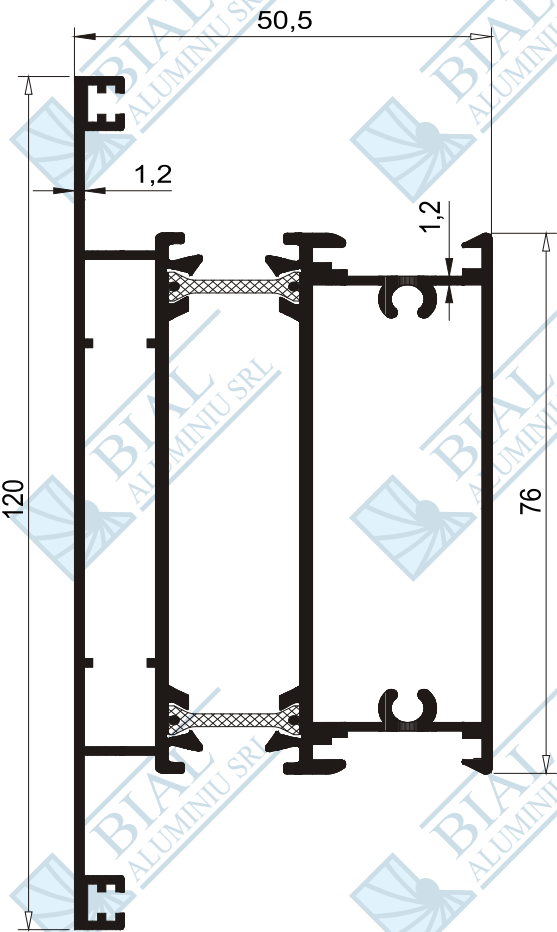




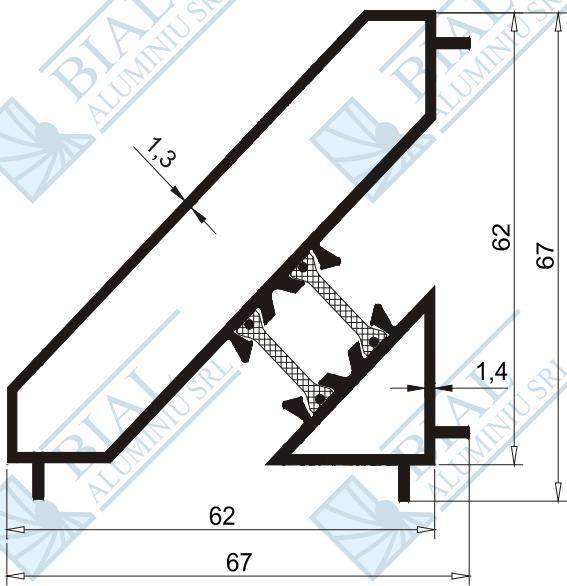
**3471**  
1,982 kg/m



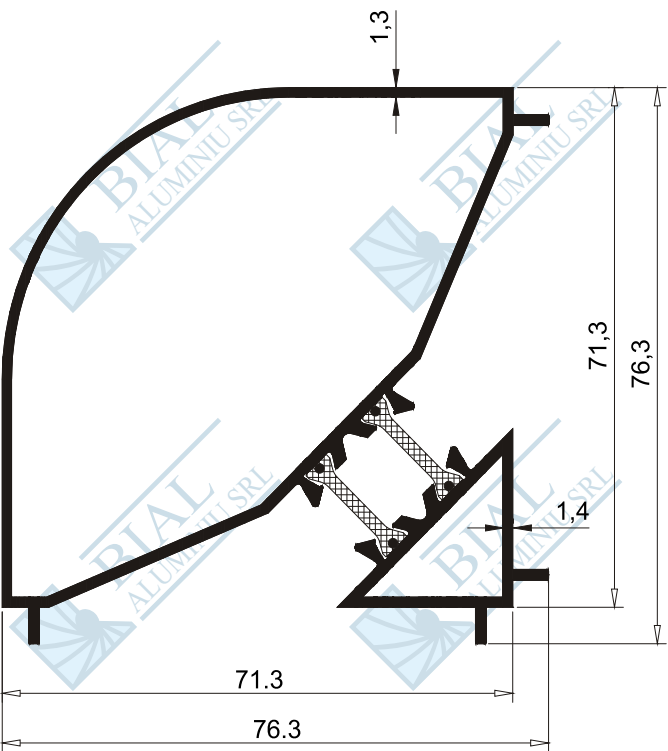
3472  
2,063 kg/m



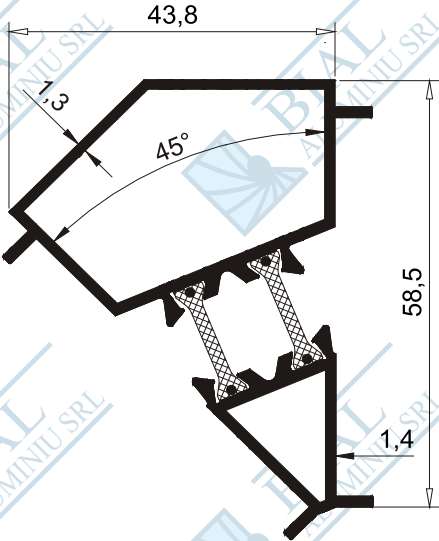
3473  
1,324 kg/m



3474  
1,513 kg/m

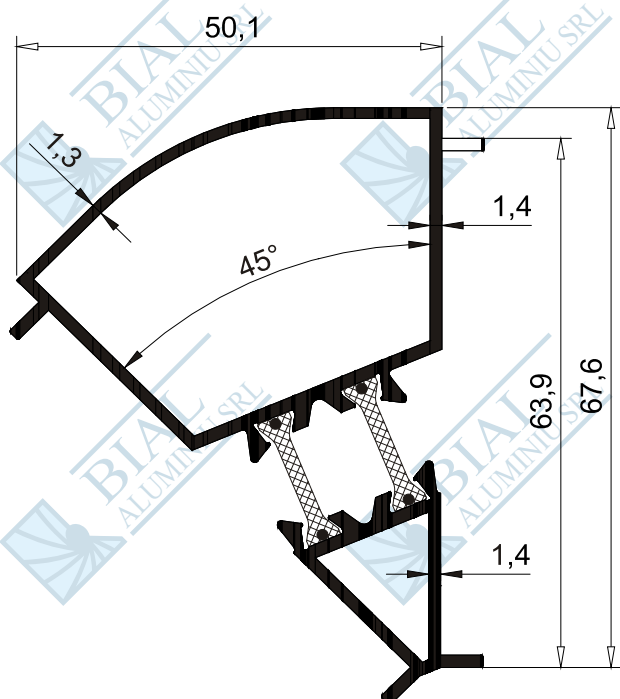


3475  
0,995 kg/m

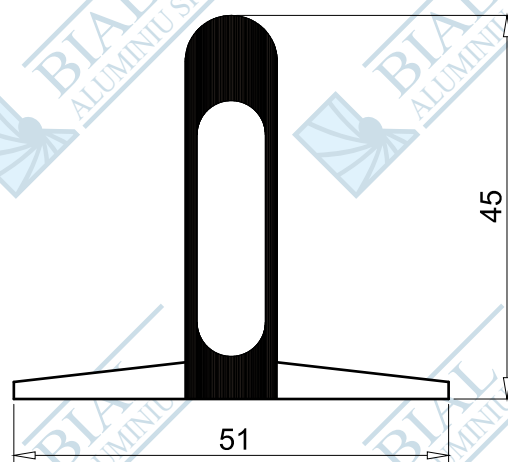




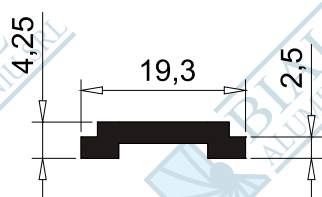
**3476**  
1,088 kg/m



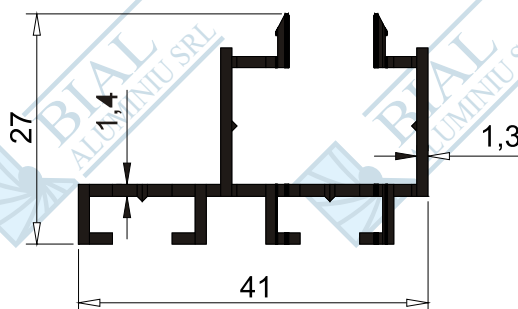
**3528**  
1,000 kg/m



**3550**  
0,139 kg/m

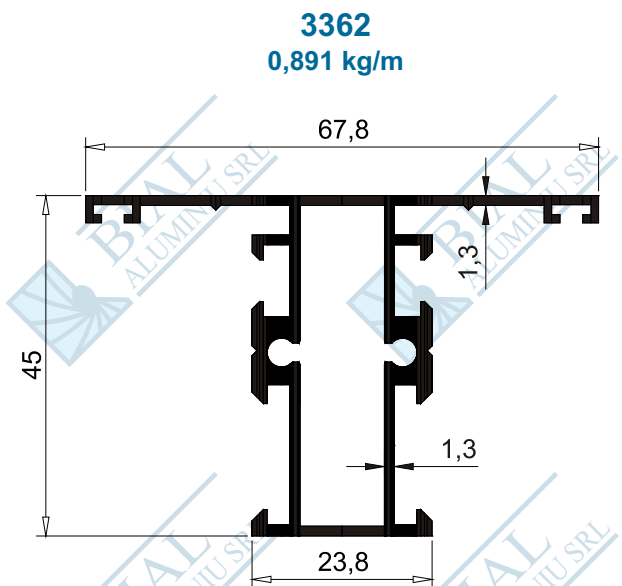
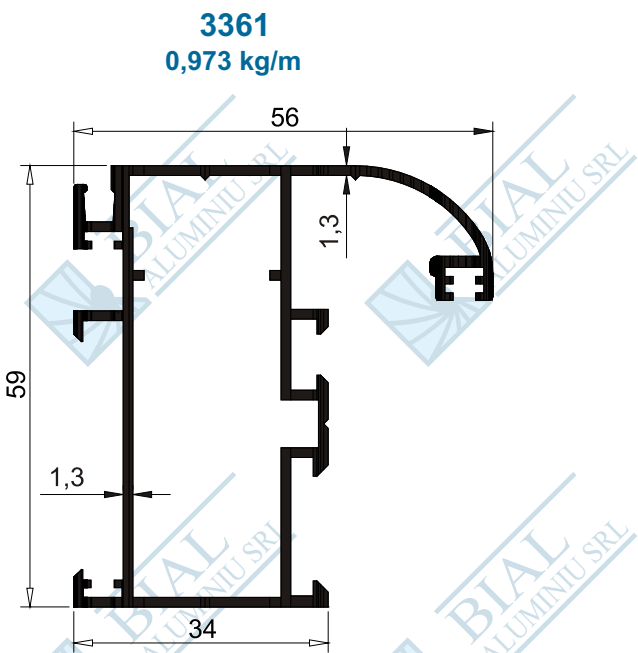
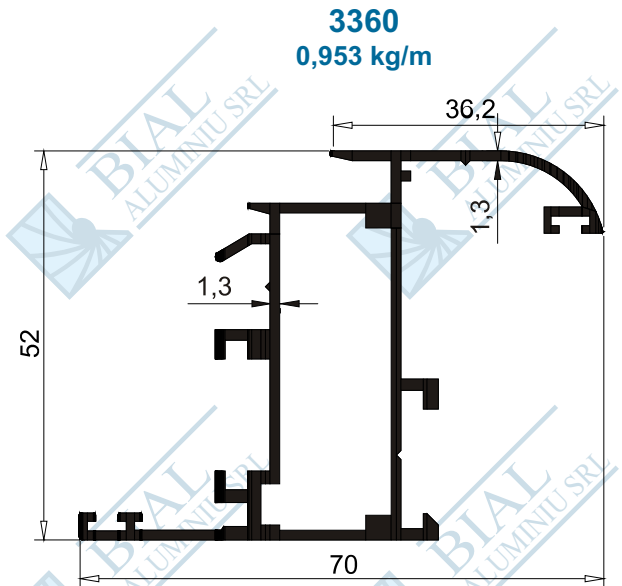
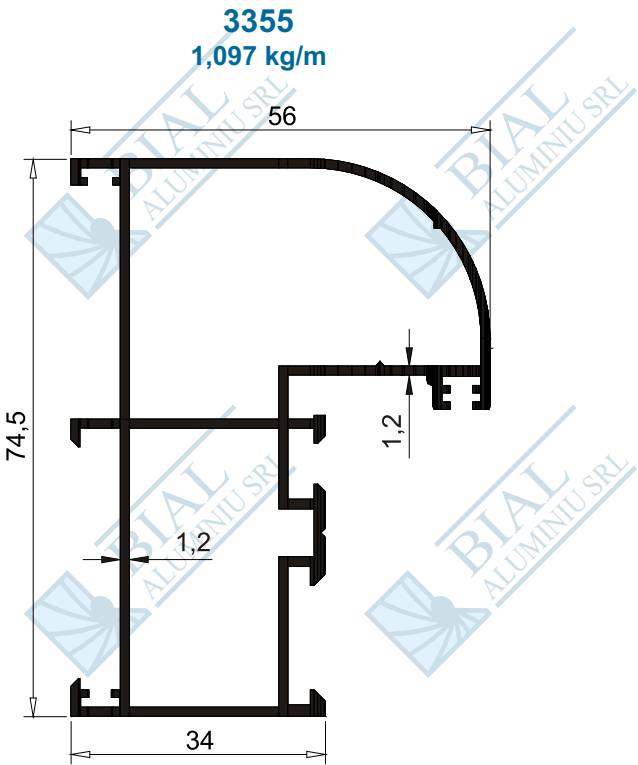


**3553**  
0,463 kg/m



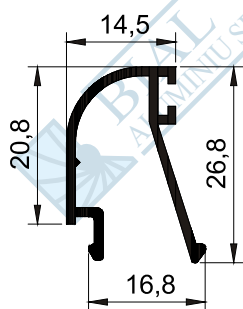


| Cod  | Denumire profil       | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|-----------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                       |                        |                                      | total           | exterior |        |
| 3355 | Toc rotund mare       | 1,097                  | 404,8                                | 649,2           | 367,5    | P02.2  |
| 3357 | Baghetă               | 0,250                  | 92,3                                 | 151,7           | 151,7    | P02.3  |
| 3360 | Cercevea rotundă      | 0,953                  | 351,8                                | 508,8           | 385,9    | P02.2  |
| 3361 | Toc rotund            | 0,973                  | 359,1                                | 556,9           | 382,3    | P02.2  |
| 3362 | Teu                   | 0,891                  | 328,0                                | 465,7           | 338,3    | P02.2  |
| 3399 | Baghetă               | 0,328                  | 121,1                                | 200,3           | 200,3    | P02.3  |
| 3418 | Piesa imbinare        | 0,130                  | 423,6                                | 231,7           | 146,4    | P02.3  |
| 3419 | Baghetă               | 0,249                  | 92,1                                 | 151,5           | 151,5    | P02.3  |
| 3420 | Cercevea rotundă mare | 1,202                  | 443,4                                | 612,9           | 427,5    | P02.3  |
| 3421 | Teu ușă exterioară    | 1,089                  | 401,9                                | 580,9           | 383,3    | P02.3  |
| 3422 | Teu mare              | 1,174                  | 433,4                                | 605,6           | 385,9    | P02.4  |
| 3424 | Plintă ușă            | 1,675                  | 618,1                                | 801,3           | 498,2    | P02.4  |
| 3433 | Profil colț           | 0,584                  | 215,7                                | 312,8           | 312,8    | P02.5  |
| 3434 | Teava Ø70x1,5         | 0,874                  | 322,8                                | 430,4           | 219,9    | P02.5  |
| 3528 | Piesa imbinare        | 0,130                  | 373,8                                | 252,2           | 183,0    | P02.5  |
| 3550 | Șină                  | 0,130                  | 51,7                                 | 50,8            | 50,8     | P02.5  |
| 3552 | Adaptor               | 0,830                  | 306,4                                | 466,3           | 371,9    | P02.4  |
| 3555 | Profil colț           | 0,440                  | 162,4                                | 238,4           | 238,4    | P02.5  |
| 3622 | Toc drept mic         | 0,679                  | 250,5                                | 405,5           | 280,4    | P02.6  |
| 3623 | Cercevea dreaptă      | 0,823                  | 303,8                                | 477,0           | 349,8    | P02.6  |
| 3693 | Toc drept             | 0,768                  | 283,5                                | 465,2           | 320,1    | P02.6  |
| 3698 | Cercevea dreaptă mare | 1,110                  | 409,7                                | 604,6           | 410,6    | P02.6  |

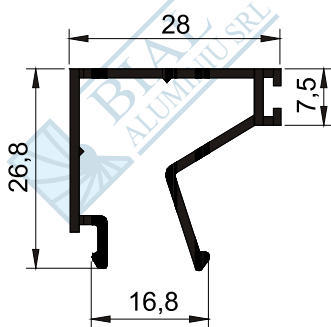




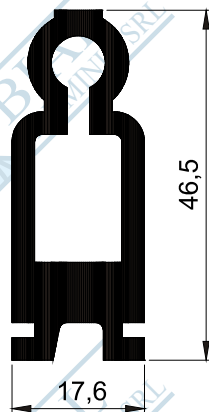
**3357**  
0.250 kg/m



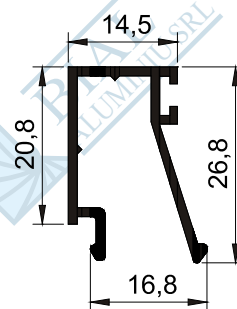
**3399**  
0.328 kg/m



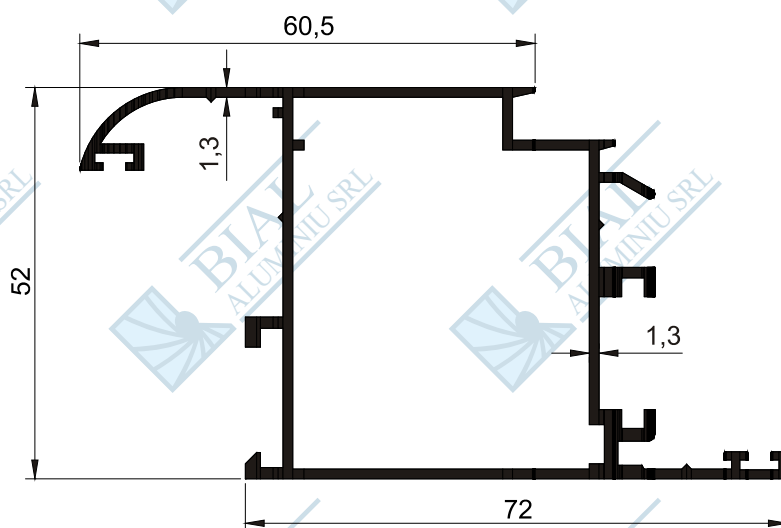
**3418**  
1.136 kg/m



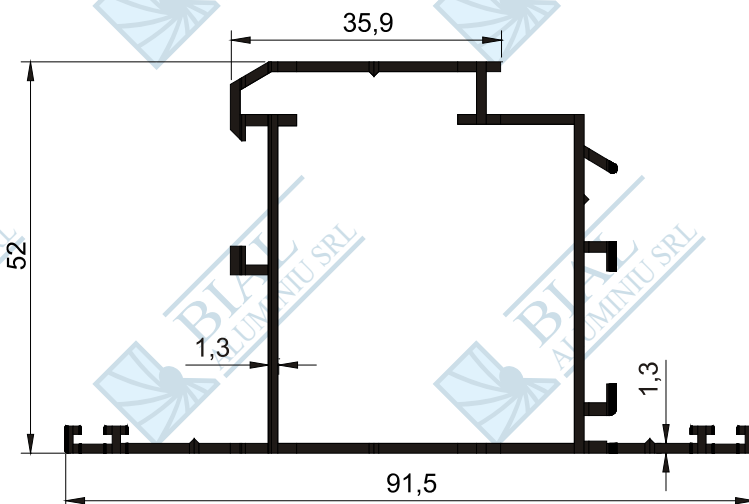
**3419**  
0.249 kg/m



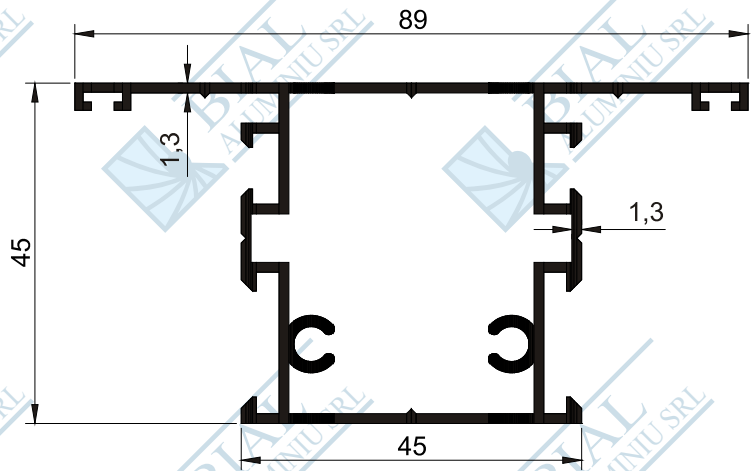
**3420**  
1,202 kg/m



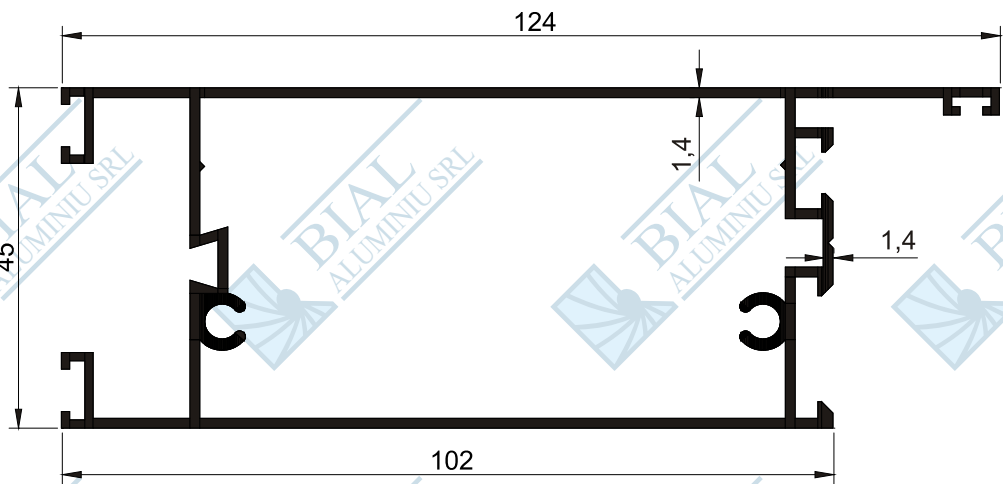
**3421**  
1,089 kg/m



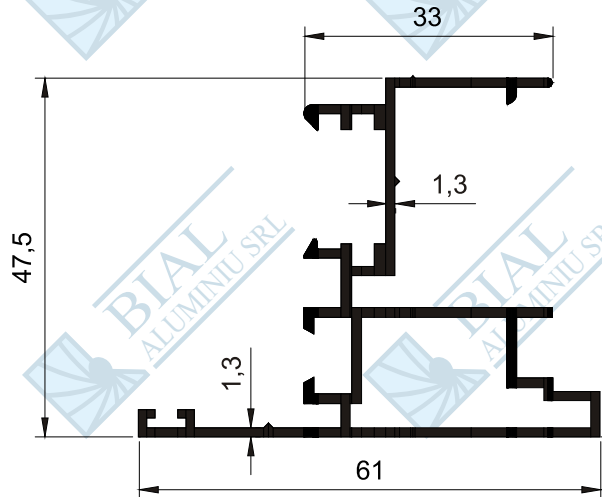
3422  
1,174 kg/m



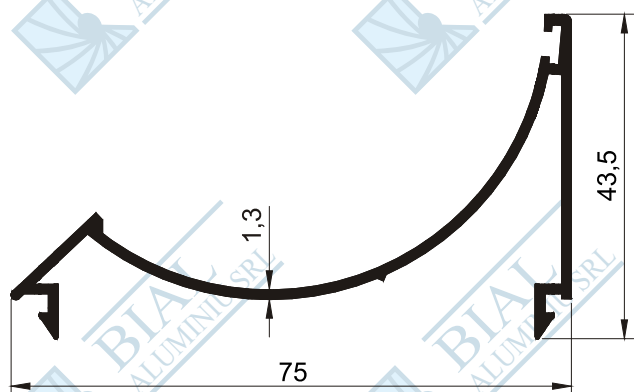
3424  
1,675 kg/m



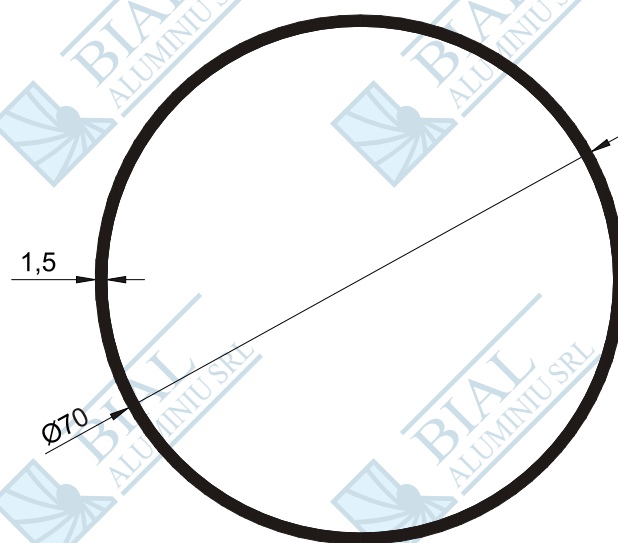
3552  
0,830 kg/m



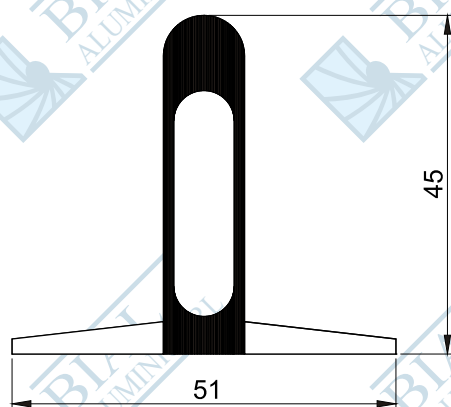
**3433**  
0.584 kg/m



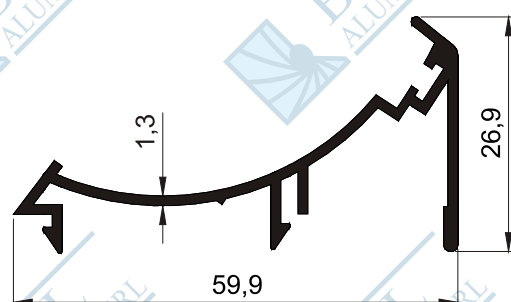
**3434**  
0.874 kg/m



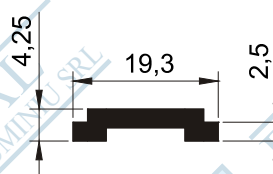
**3528**  
1.000 kg/m



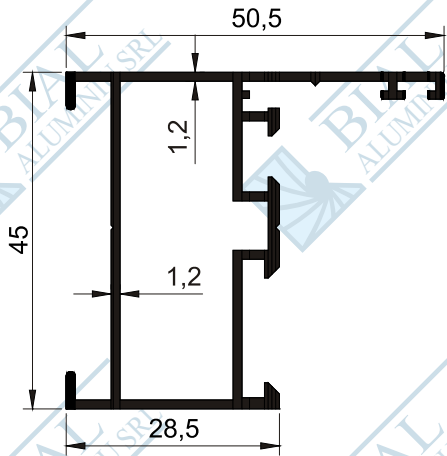
**3555**  
0.440 kg/m



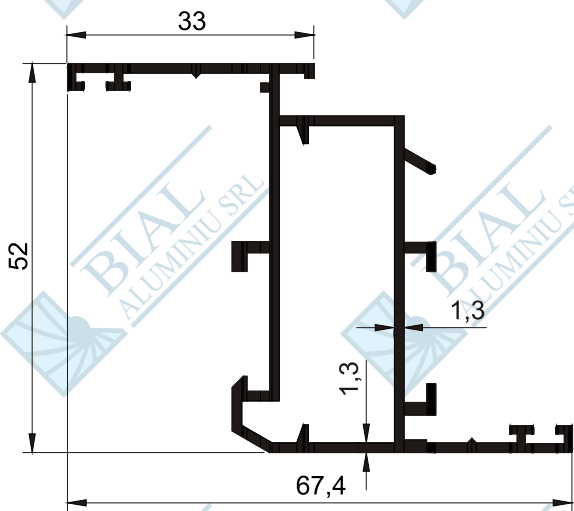
**3350**  
0.139 kg/m



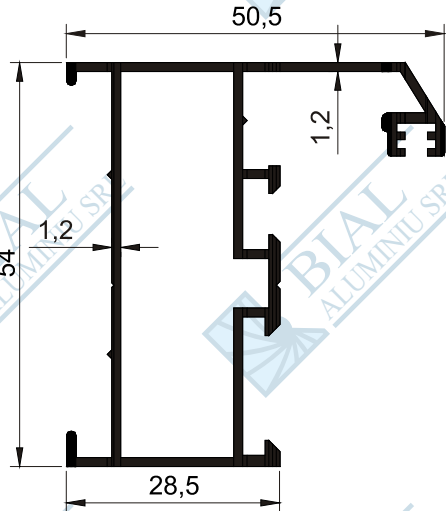
3622  
0,679 kg/m



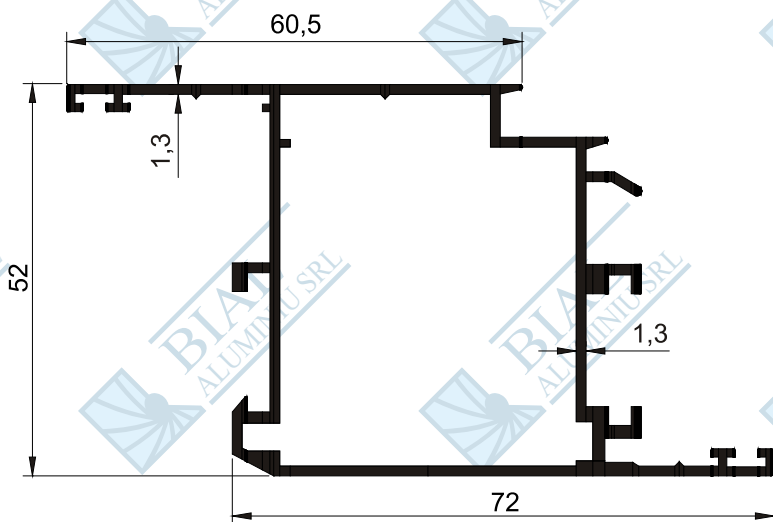
3623  
0,823 kg/m



3693  
0,768 kg/m



3698  
1,110 kg/m







**BIAL**  
**ALUMINIU SRL**

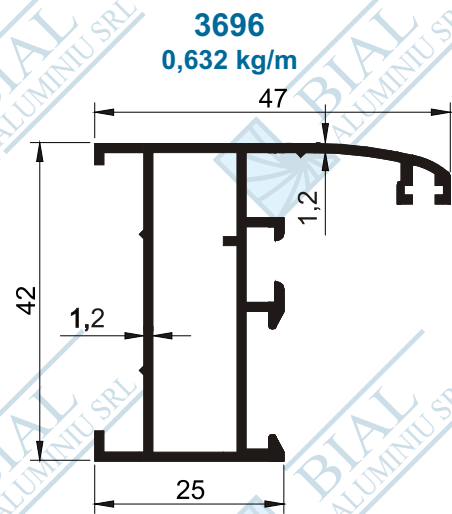
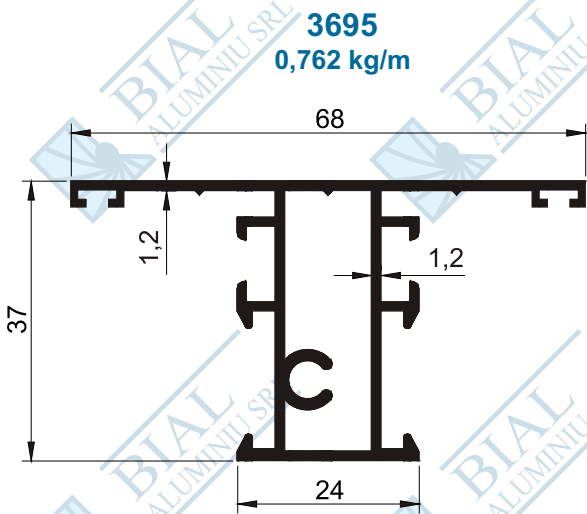
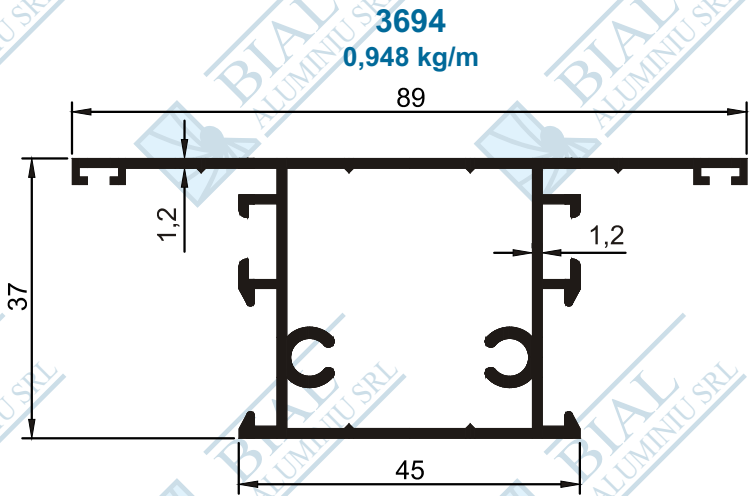
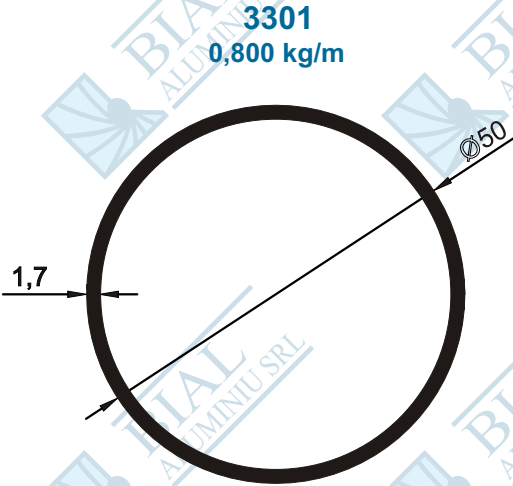
membru al BIAT GROUP ROMANIA





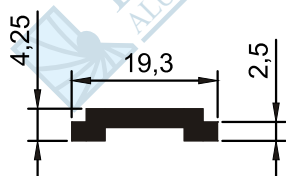
| Cod  | Denumire profil       | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|-----------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                       |                        |                                      | total           | exterior |        |
| 3301 | Țeavă Ø50x1,7         | 0,800                  | 257,8                                | 325,3           | 179,0    | P03.2  |
| 3550 | Șină                  | 0,139                  | 51,7                                 | 50,8            | 50,8     | P03.3  |
| 3694 | Teu mare              | 0,948                  | 349,8                                | 561,2           | 370,3    | P03.2  |
| 3695 | Teu mic               | 0,762                  | 281,3                                | 443,0           | 329,3    | P03.2  |
| 3696 | Toc rotund mic        | 0,632                  | 233,5                                | 374,0           | 273,2    | P03.2  |
| 3697 | Baghetă               | 0,227                  | 83,9                                 | 129,6           | 129,6    | P03.3  |
| 3699 | Adaptor               | 0,748                  | 276,1                                | 433,7           | 336,8    | P03.3  |
| 3700 | Cercevea rotundă mare | 0,956                  | 353,0                                | 548,5           | 377,5    | P03.3  |
| 3701 | Cercevea rotundă mică | 0,734                  | 270,9                                | 422,5           | 321,1    | P03.3  |
| 3805 | Profil colț           | 0,312                  | 115,1                                | 180,5           | 180,5    | P03.3  |
| 3806 | Aparatoare apa        | 0,166                  | 61,5                                 | 90,8            | 90,8     | P03.3  |
| 3807 | Baghetă               | 0,269                  | 99,3                                 | 161,3           | 161,3    | P03.3  |
| 3810 | Colț 45°              | 0,458                  | 169,2                                | 282,7           | 152,6    | P03.4  |
| 3811 | Colț 90°              | 0,500                  | 184,8                                | 309,4           | 165,2    | P03.4  |
| 3812 | Plintă ușă            | 1,445                  | 533,2                                | 729,3           | 483,0    | P03.4  |
| 3813 | Teu greu              | 1,409                  | 519,9                                | 712,2           | 445,7    | P03.4  |
| 3814 | Teu ușă exterioară    | 0,956                  | 353,0                                | 548,4           | 377,5    | P03.5  |
| 3815 | Toc rotund mare       | 0,699                  | 258,1                                | 415,8           | 293,7    | P03.5  |



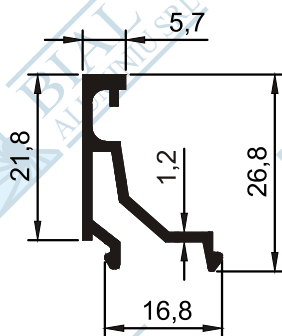




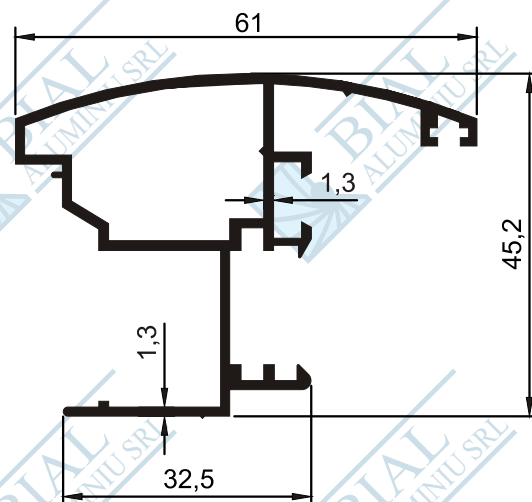
**3550**  
0,139 kg/m



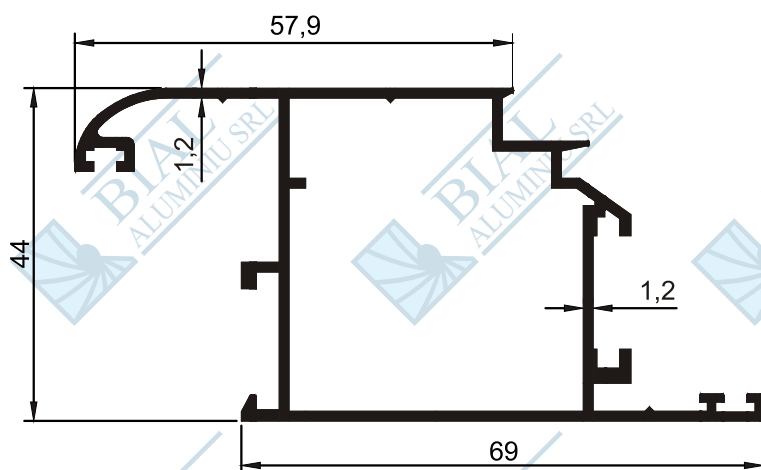
**3697**  
0,227 kg/m



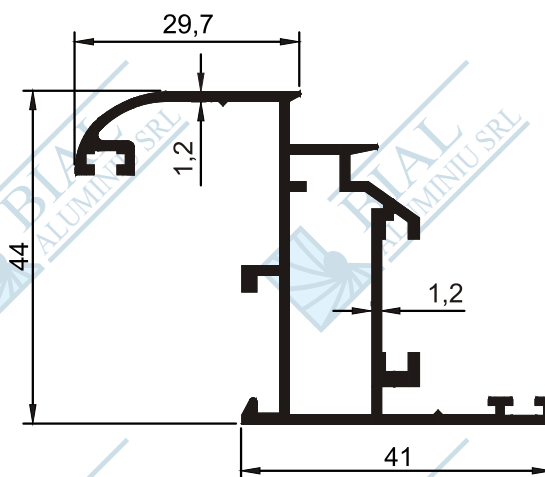
**3699**  
0,748 kg/m



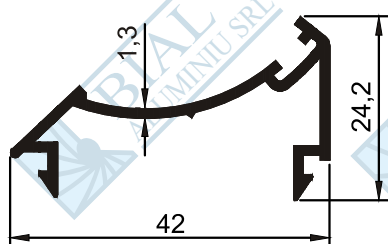
**3700**  
0,956 kg/m



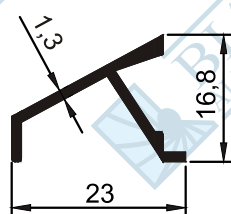
**3701**  
0,734 kg/m



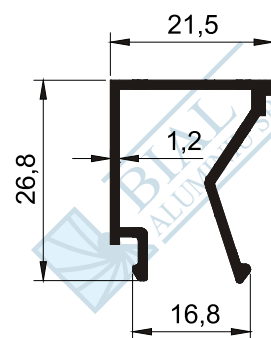
**3805**  
0,312 kg/m



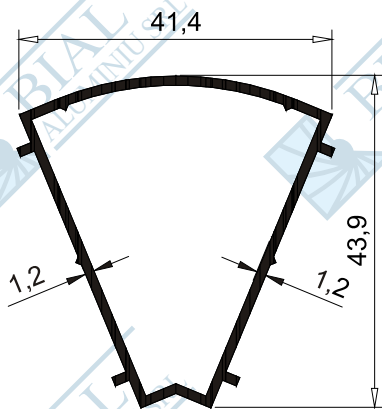
**3806**  
0,166 kg/m



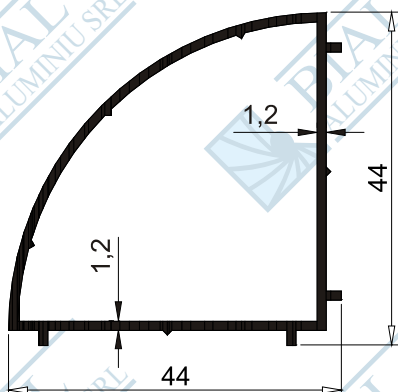
**3807**  
0,269 kg/m



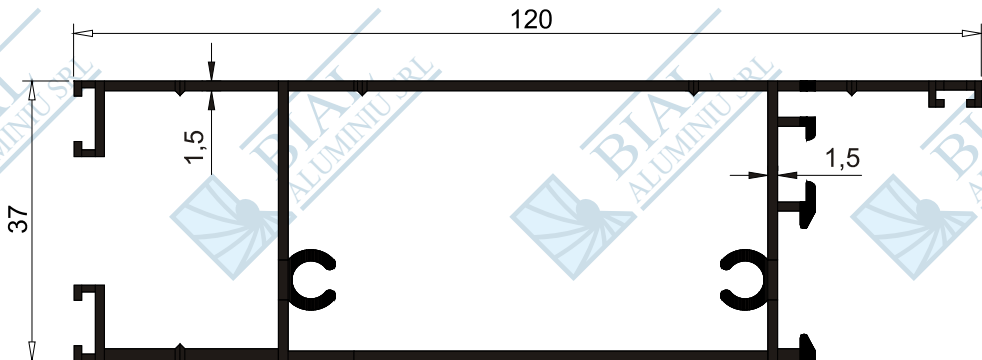
**3810**  
0,458 kg/m



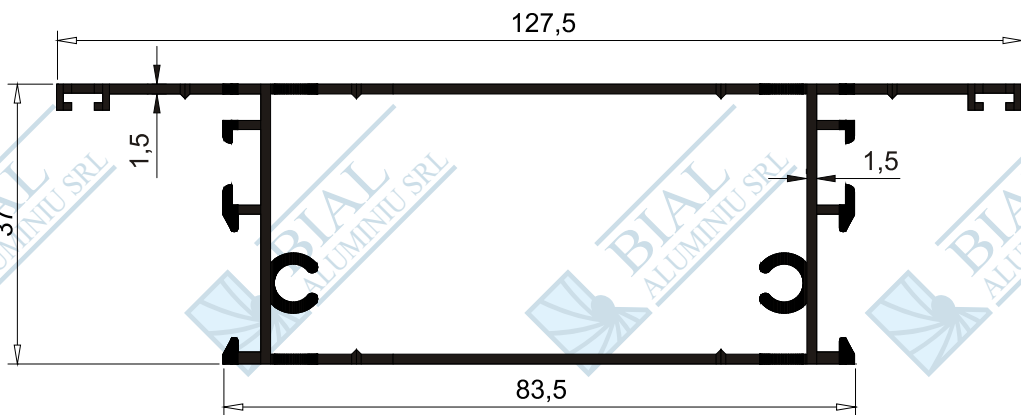
**3811**  
0,500 kg/m

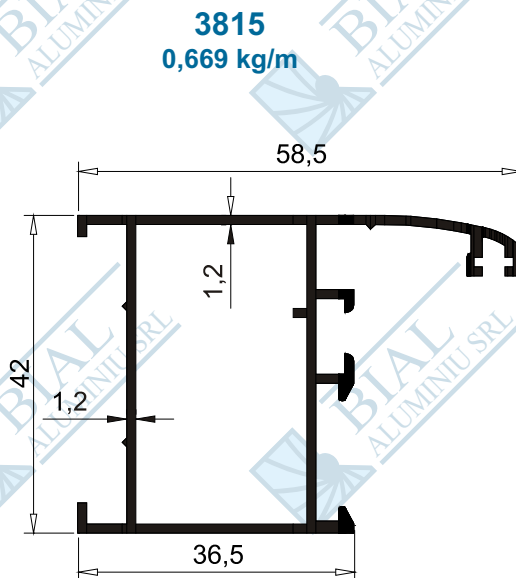
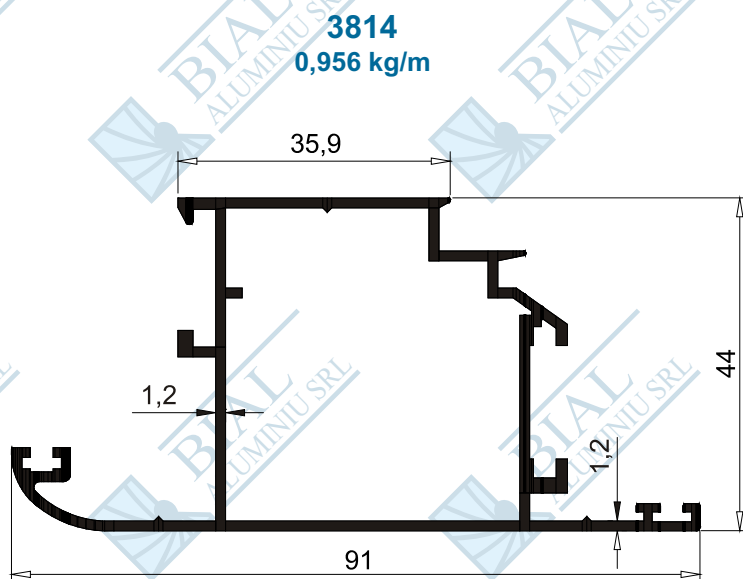


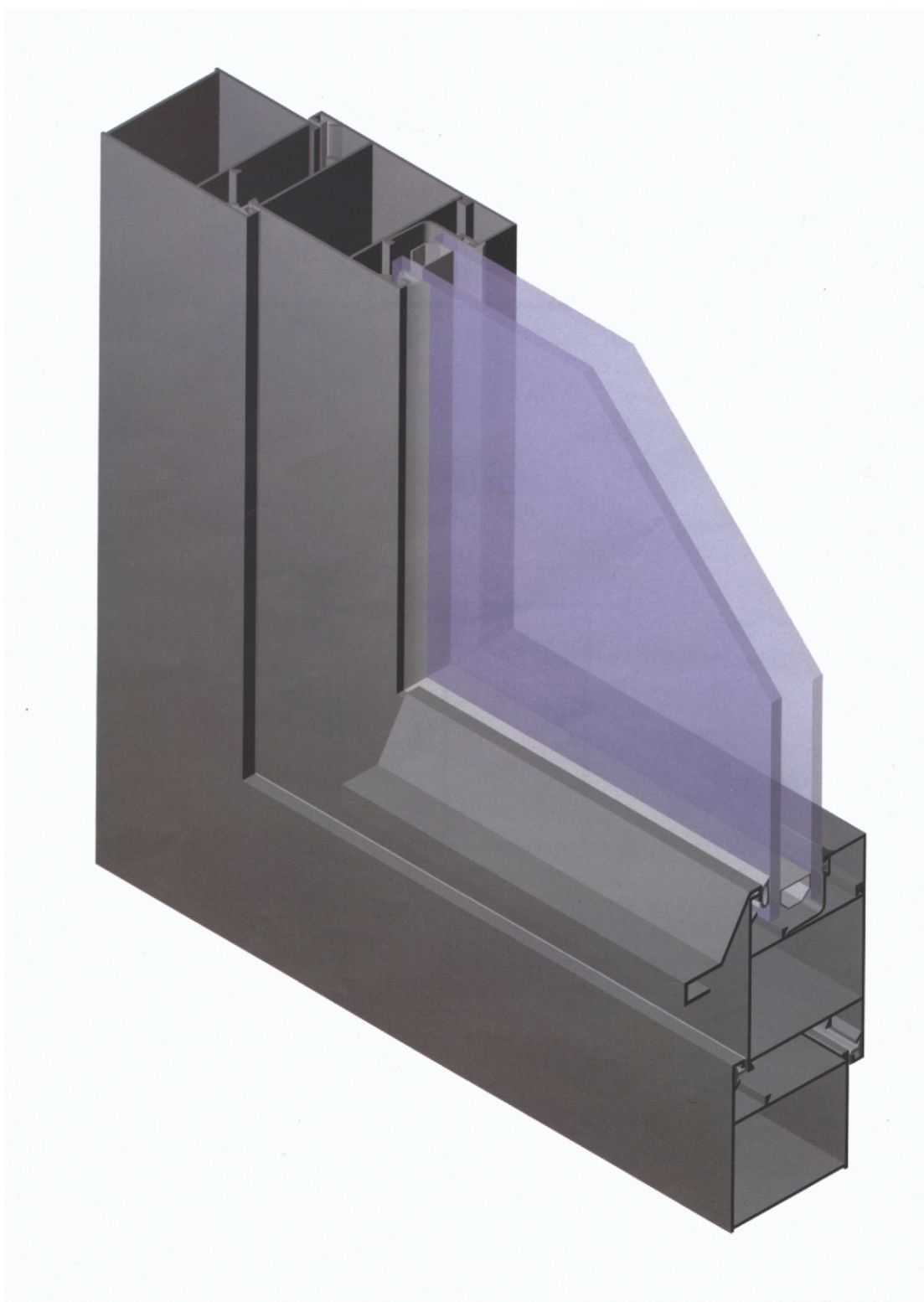
**3812**  
1,445 kg/m



**3813**  
1,409 kg/m



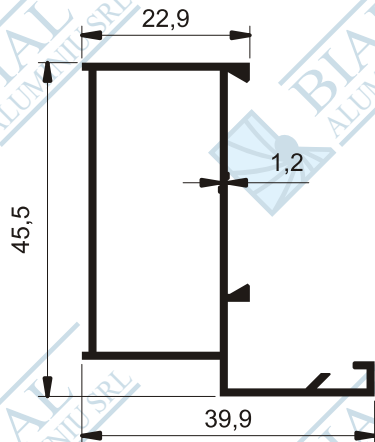




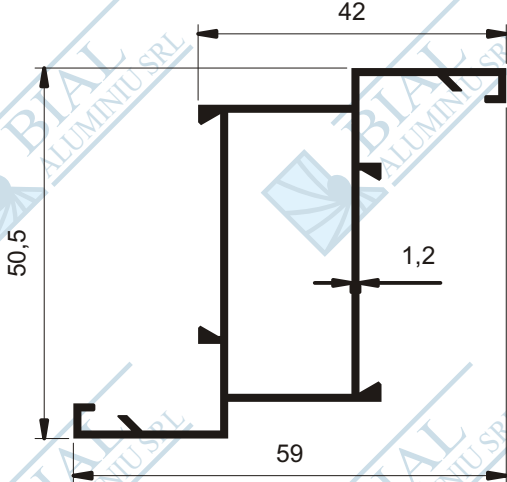


| Cod                             | Denumire profil   | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm)<br>total exterior |       | Pagina |
|---------------------------------|-------------------|------------------------|--------------------------------------|-----------------------------------|-------|--------|
| ALDOX CU ARIPIOARĂ              |                   |                        |                                      |                                   |       |        |
| 3001                            | Toc mic           | 0,520                  | 176,6                                | 314,5                             | 204,3 | P04.2  |
| 3002                            | Cercevea mică     | 0,656                  | 223,1                                | 392,6                             | 282,5 | P04.2  |
| 3003                            | Teu mic           | 0,656                  | 223,1                                | 392,1                             | 282,5 | P04.2  |
| 3004                            | Toc mare          | 0,633                  | 215,3                                | 384,9                             | 239,5 | P04.2  |
| 3005                            | Teu mare          | 0,771                  | 261,8                                | 462,7                             | 317,3 | P04.2  |
| 3006                            | Cercevea mare     | 0,771                  | 261,8                                | 463,1                             | 317,7 | P04.2  |
| 3008                            | Montant colț      | 0,770                  | 260,6                                | 460,8                             | 316,4 | P04.3  |
| 3042                            | Plintă ușă        | 1,114                  | 378,7                                | 603,5                             | 392,9 | P04.3  |
| 3043                            | Teu lat           | 1,117                  | 377,5                                | 594,7                             | 384,1 | P04.3  |
| 3044                            | Cercevea lată     | 1,117                  | 377,6                                | 595,1                             | 384,5 | P04.3  |
| ALDOX DREPT                     |                   |                        |                                      |                                   |       |        |
| 3038                            | Toc lat           | 1,117                  | 379,5                                | 594,7                             | 374,1 | P04.4  |
| 3045                            | Cercevea lată     | 1,117                  | 379,6                                | 595,1                             | 374,5 | P04.4  |
| 3069                            | Plintă ușă        | 1,137                  | 386,2                                | 613,5                             | 392,9 | P04.4  |
| 3073                            | Toc mare          | 0,650                  | 220,8                                | 394,9                             | 239,5 | P04.4  |
| 3074                            | Teu mare          | 0,777                  | 261,8                                | 462,7                             | 307,3 | P04.5  |
| 3075                            | Cercevea mare     | 0,777                  | 261,8                                | 463,1                             | 307,7 | P04.5  |
| 3078                            | Teu mic           | 0,656                  | 223,1                                | 392,3                             | 272,1 | P04.5  |
| 3079                            | Cercevea mică     | 0,656                  | 223,1                                | 392,6                             | 272,5 | P04.5  |
| 3080                            | Toc mic           | 0,536                  | 182,1                                | 324,5                             | 204,3 | P04.5  |
| 3908                            | Montat colt       | 0,777                  | 269,3                                | 476,6                             | 314,2 | P04.6  |
| profile comune ambelor variante |                   |                        |                                      |                                   |       |        |
| 3007                            | Baghetă termopan  | 0,245                  | 75,6                                 | 146,9                             | 146,9 | P04.6  |
| 3009                            | Bagheta normala   | 0,246                  | 90,8                                 | 153,3                             | 153,3 | P04.6  |
| 3010                            | Lambriu dublu     | 0,619                  | 210,3                                | 382,0                             | 211,6 | P04.6  |
| 3012                            | Lambriu simplu    | 0,365                  | 124,0                                | 226,1                             | 226,1 | P04.6  |
| 3047                            | Aparatoare apa    | 0,206                  | 74,2                                 | 116,7                             | 116,7 | P04.6  |
| 3066A                           | Colțar mare       | 1,169                  | 431,5                                | 365,7                             | 365,7 | P04.7  |
| 3066B                           | Colțar milociu    | 1,093                  | 404,8                                | 262,0                             | 262,0 | P04.7  |
| 3105                            | Sina exterioare   | 0,131                  | 48,7                                 | 78,6                              | 78,6  | P04.7  |
| 3106                            | Sina interioara   | 0,138                  | 51,0                                 | 50,8                              | 50,8  | P04.7  |
| 3151A                           | Profi U mare      | 0,699                  | 258,8                                | 203,0                             | 203,0 | P04.7  |
| 3151B                           | Profil U mijlociu | 0,555                  | 205,6                                | 184,4                             | 184,4 | P04.7  |

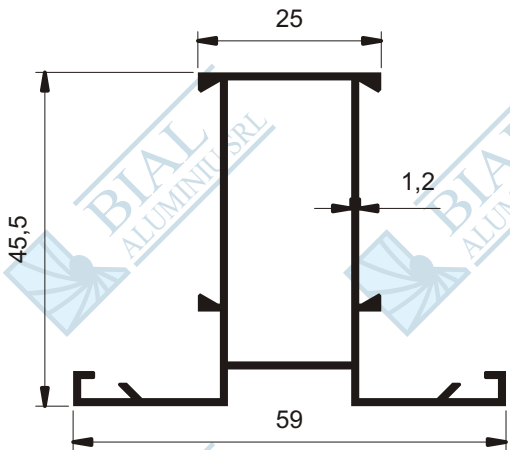
3001  
0,520 kg/m



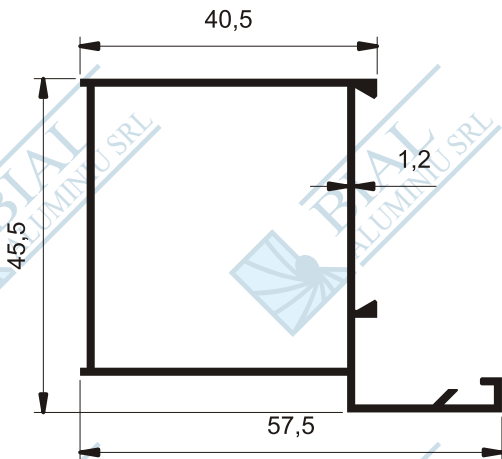
3002  
0,656 kg/m



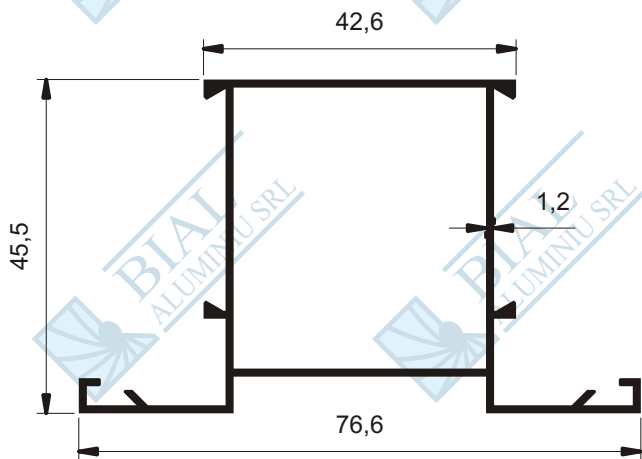
3003  
0,656 kg/m



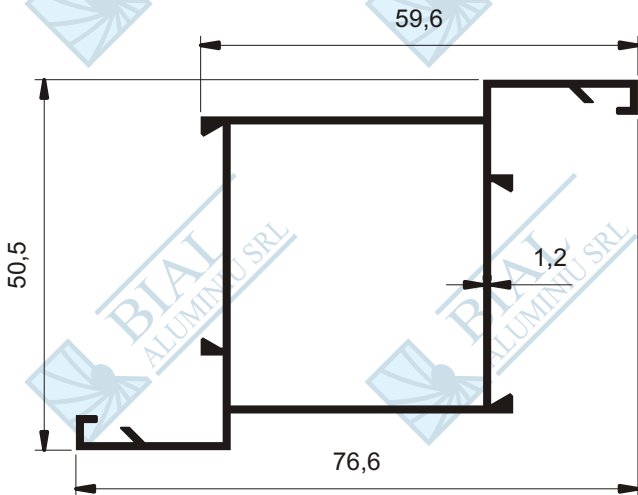
3004  
0,633 kg/m



3005  
0,771 kg/m

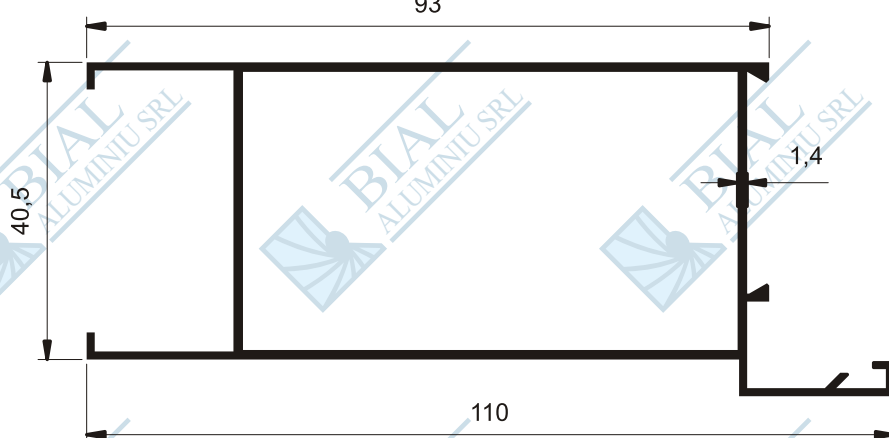


3006  
0,771 kg/m



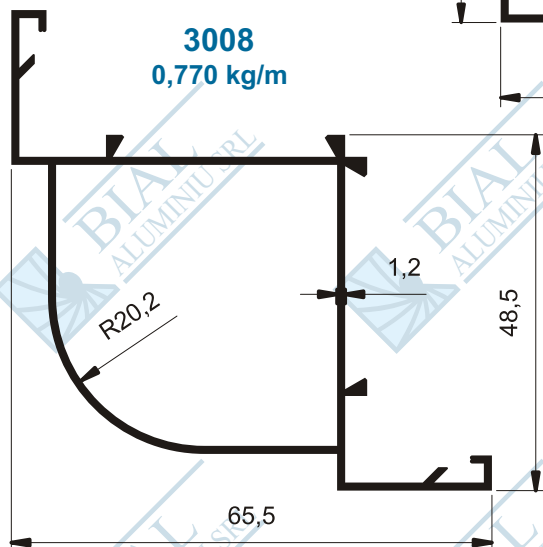
**3042**

**1,114 kg/m**



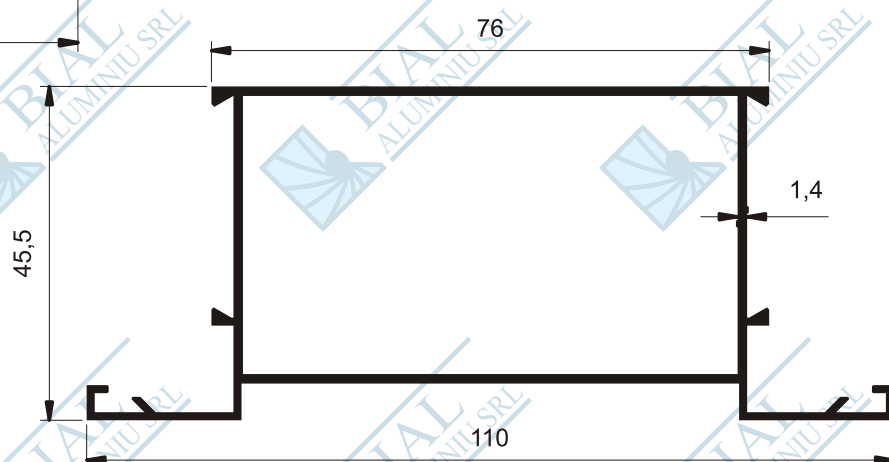
**3008**

**0,770 kg/m**



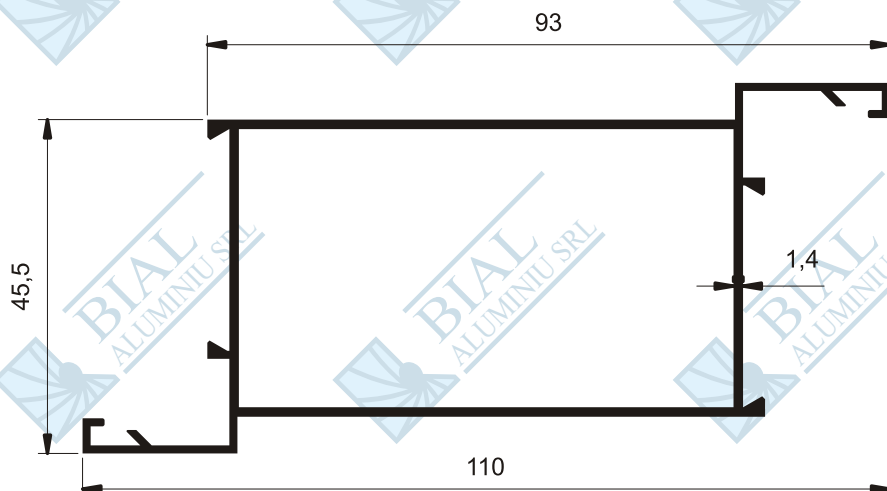
**3043**

**1,117 kg/m**

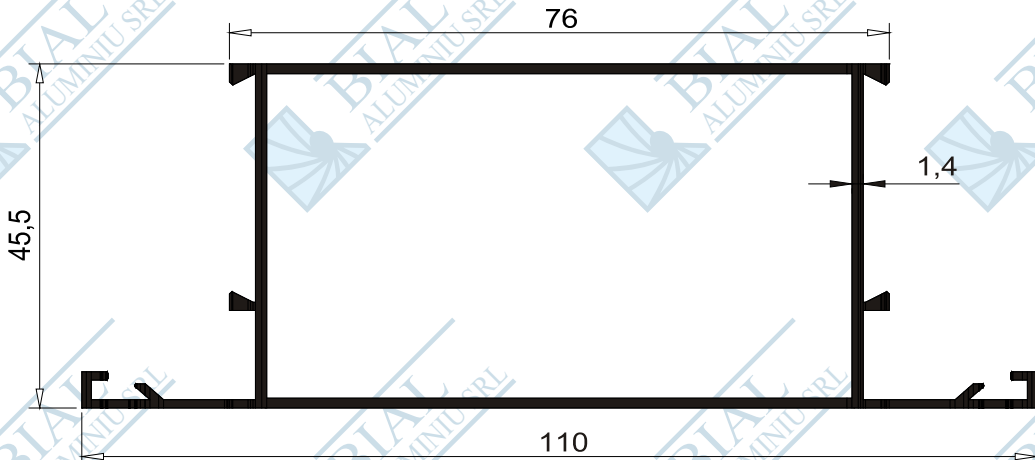


**3044**

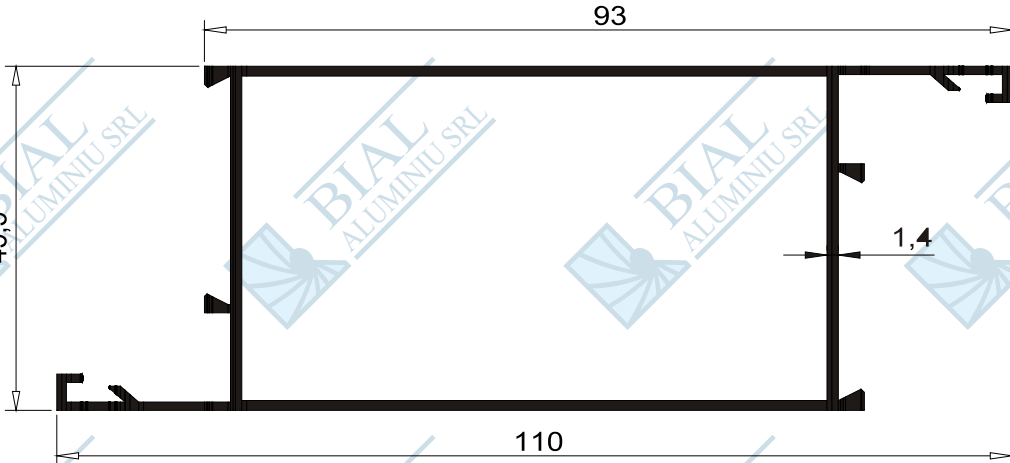
**1,117 kg/m**



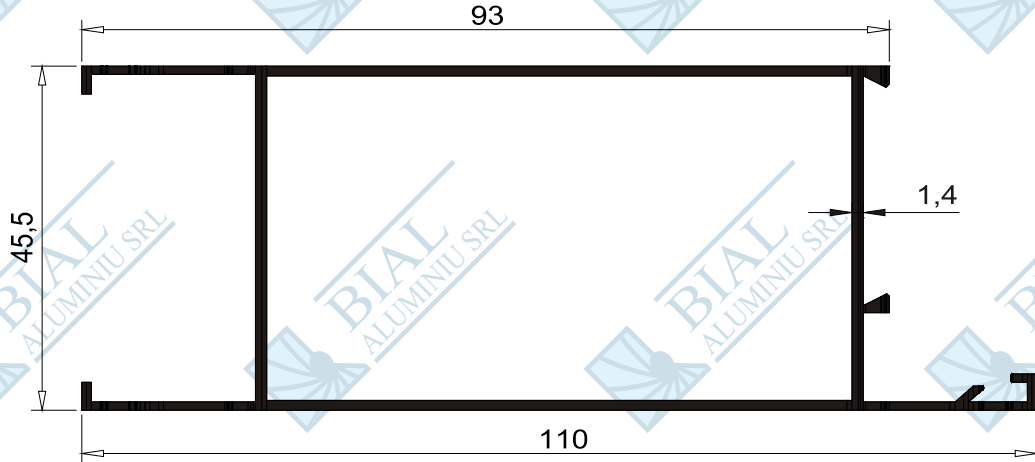
3038  
1,117 kg/m



3045  
1,117 kg/m

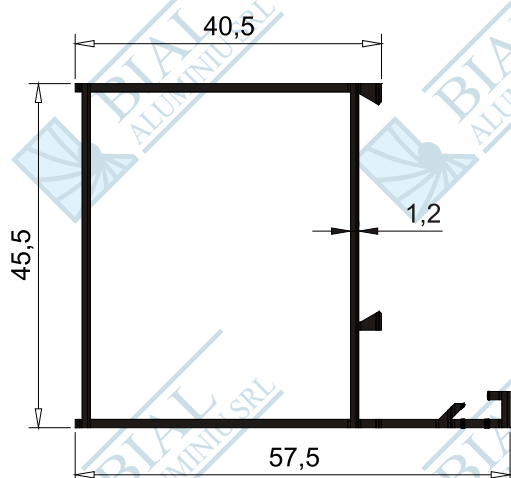


3069  
1,137 kg/m

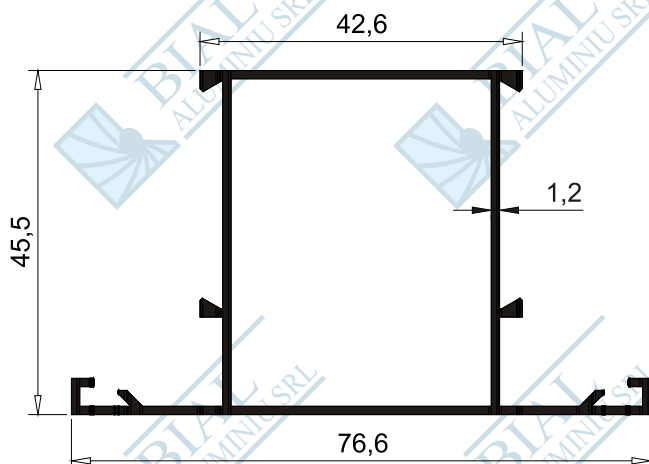




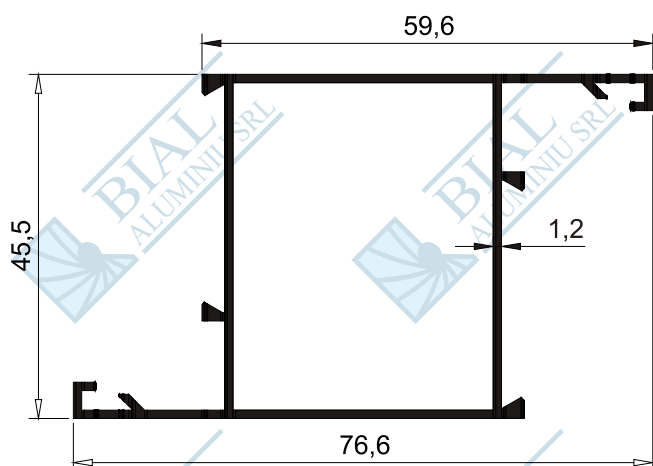
**3073**  
0,650 kg/m



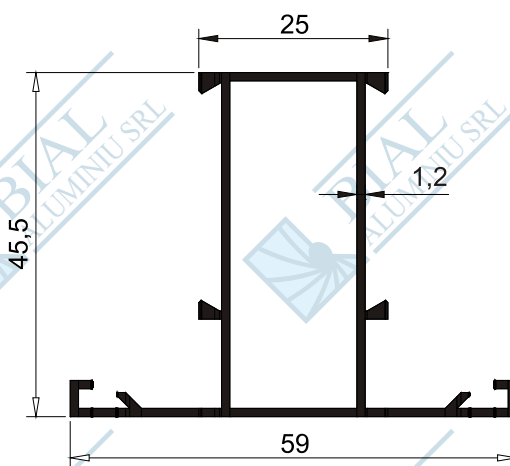
**3074**  
0,771 kg/m



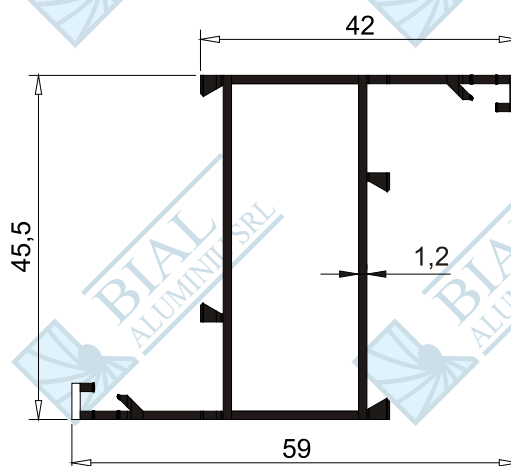
**3075**  
0,771 kg/m



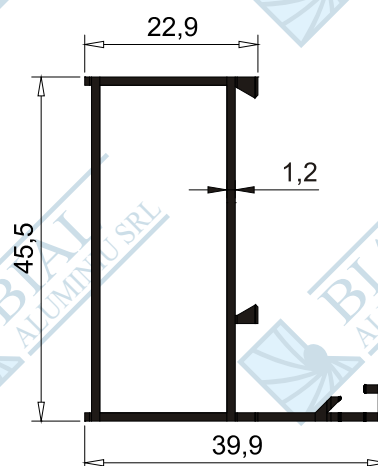
**3078**  
0,656 kg/m



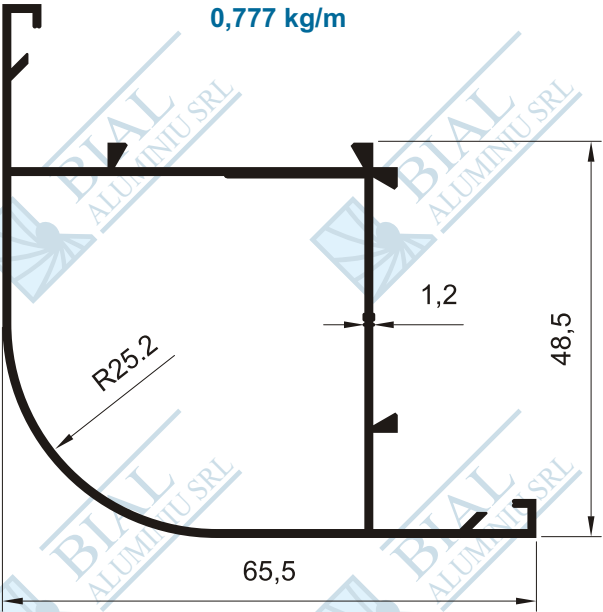
**3079**  
0,656 kg/m



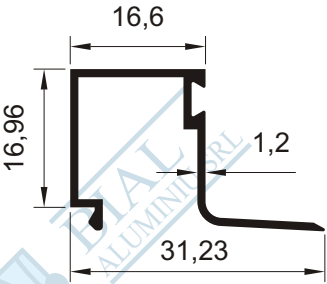
**3080**  
0,536 kg/m



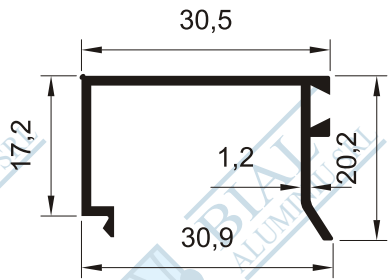
3908  
0,777 kg/m



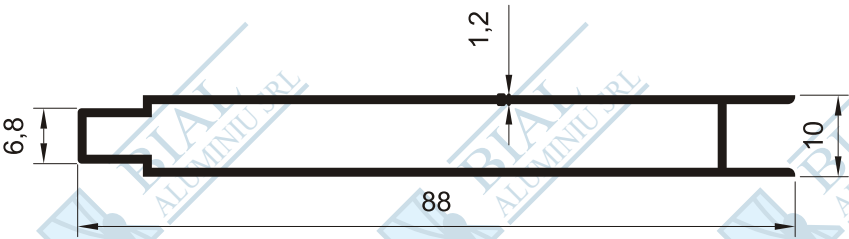
3007  
0,245 kg/m



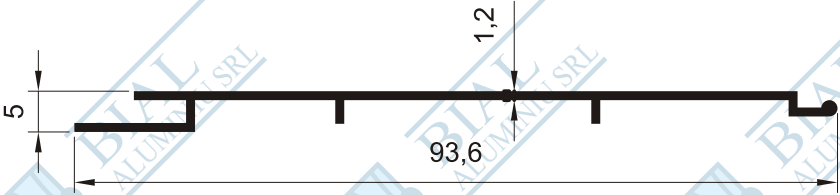
3009  
0,246 kg/m



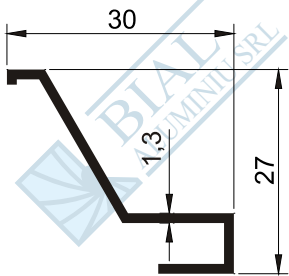
3010  
0,614 kg/m



3012  
0,365 kg/m

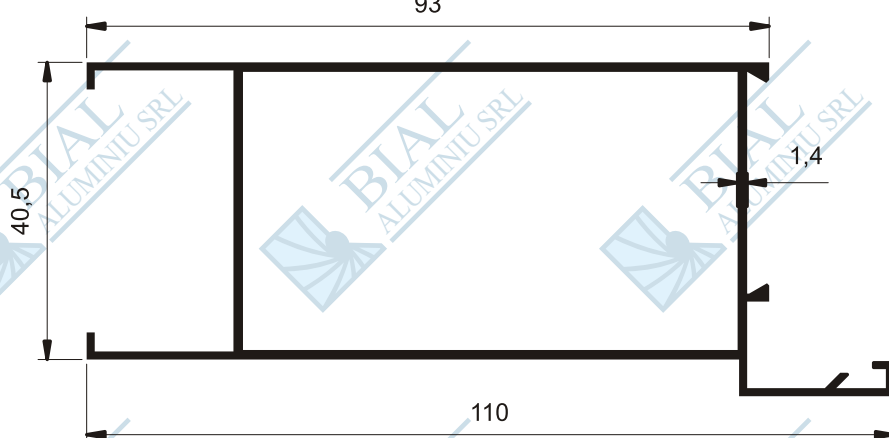


3047  
0,206 kg/m



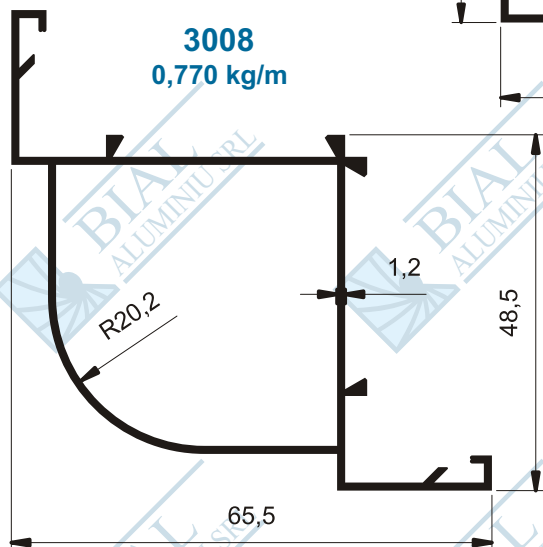
**3042**

**1,114 kg/m**



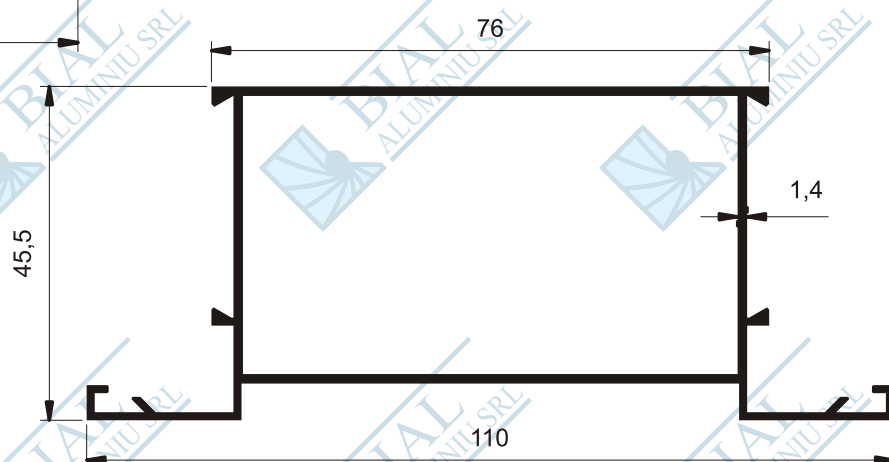
**3008**

**0,770 kg/m**



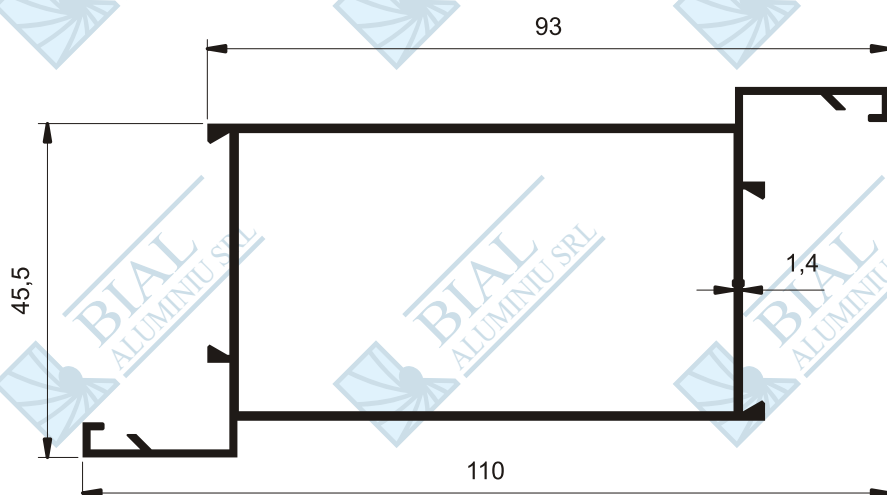
**3043**

**1,117 kg/m**

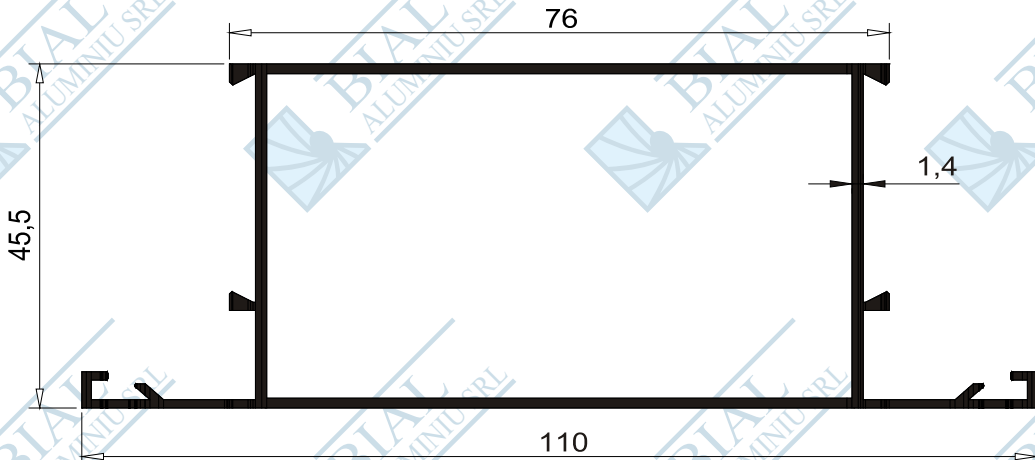


**3044**

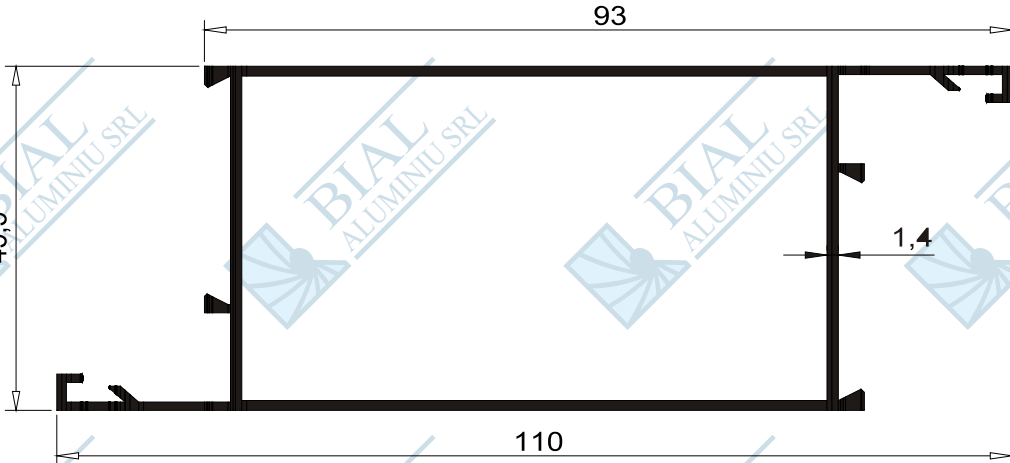
**1,117 kg/m**



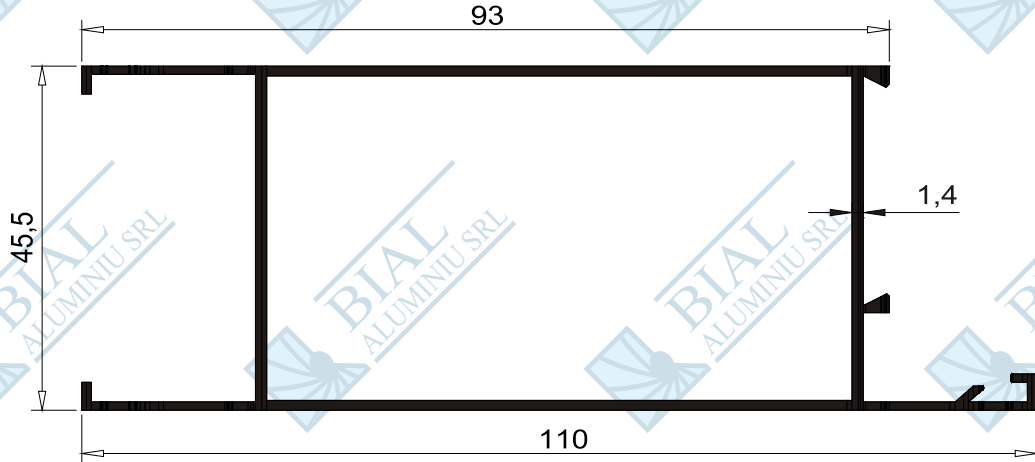
3038  
1,117 kg/m



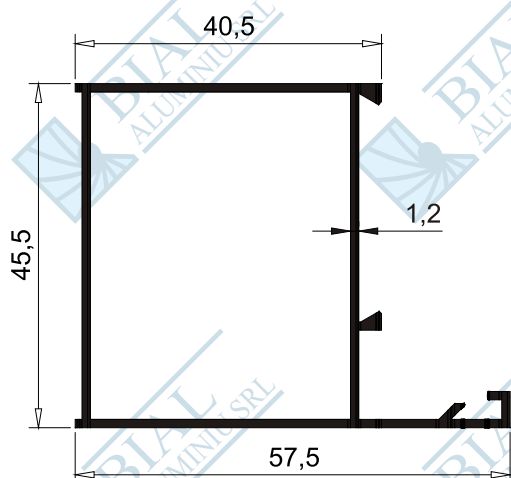
3045  
1,117 kg/m



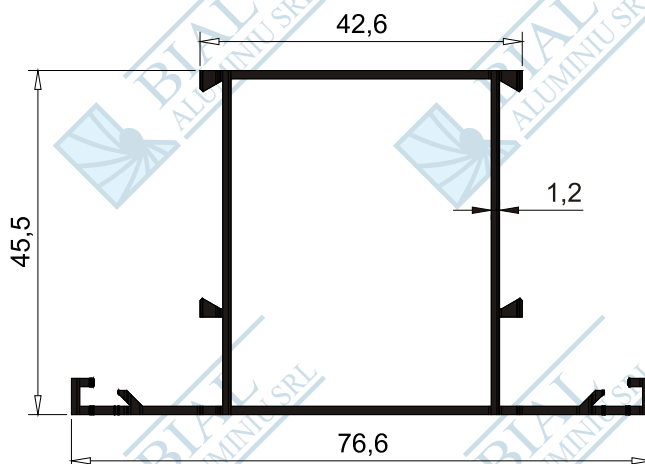
3069  
1,137 kg/m



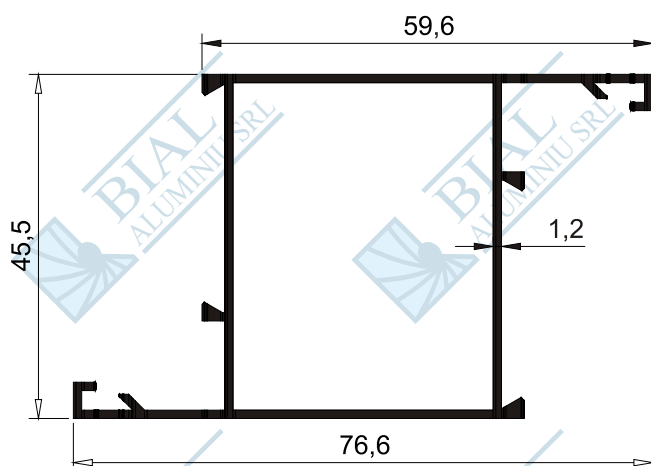
**3073**  
0,650 kg/m



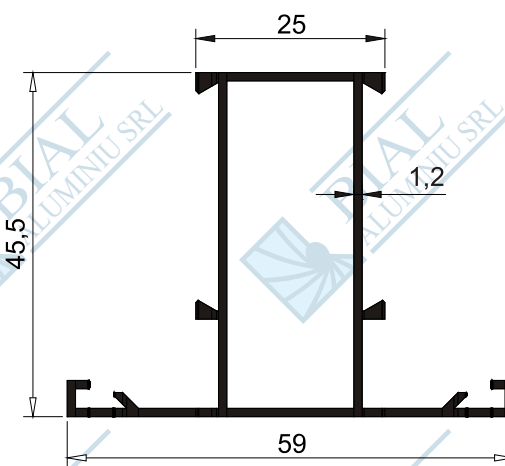
**3074**  
0,771 kg/m



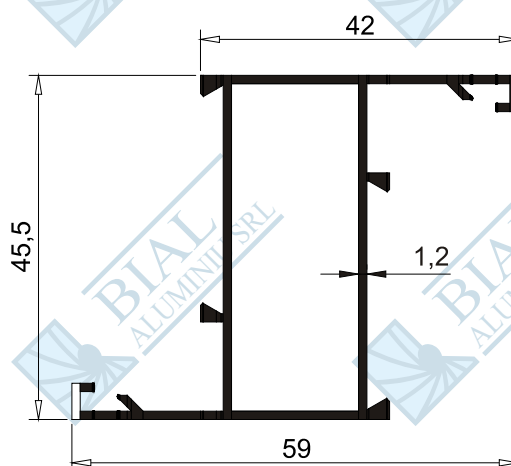
**3075**  
0,771 kg/m



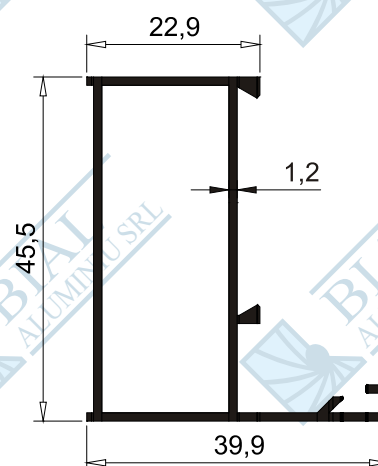
**3078**  
0,656 kg/m



**3079**  
0,656 kg/m

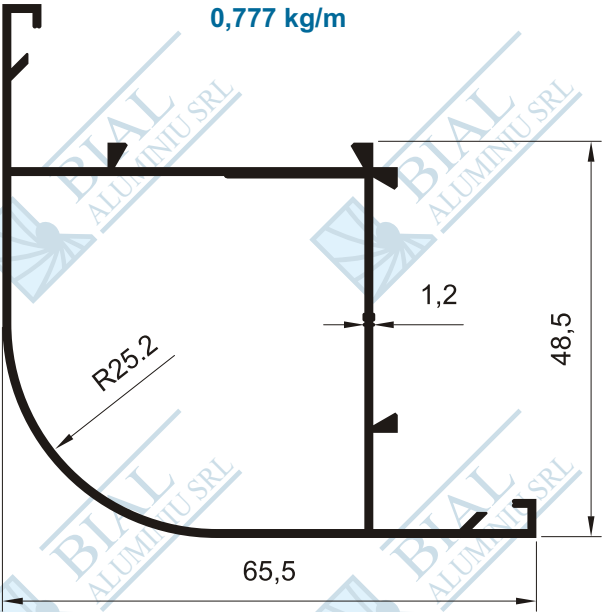


**3080**  
0,536 kg/m

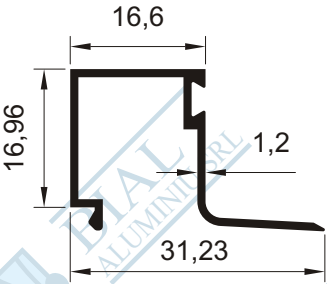




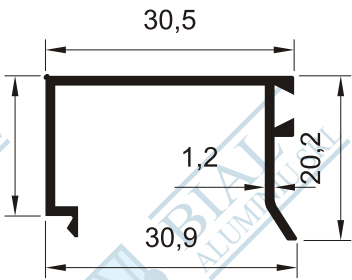
3908  
0,777 kg/m



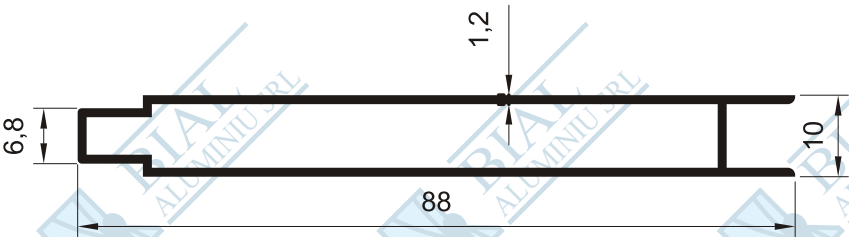
3007  
0,245 kg/m



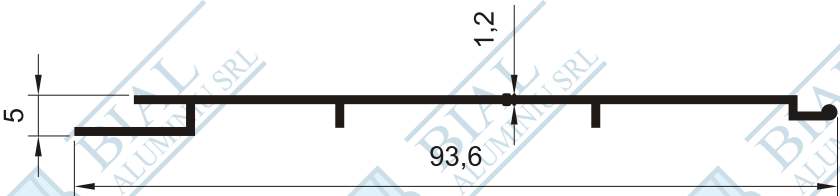
3009  
0,246 kg/m



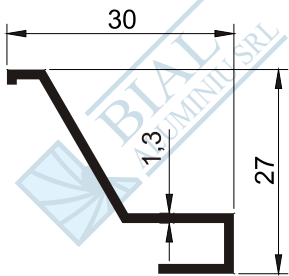
3010  
0,614 kg/m



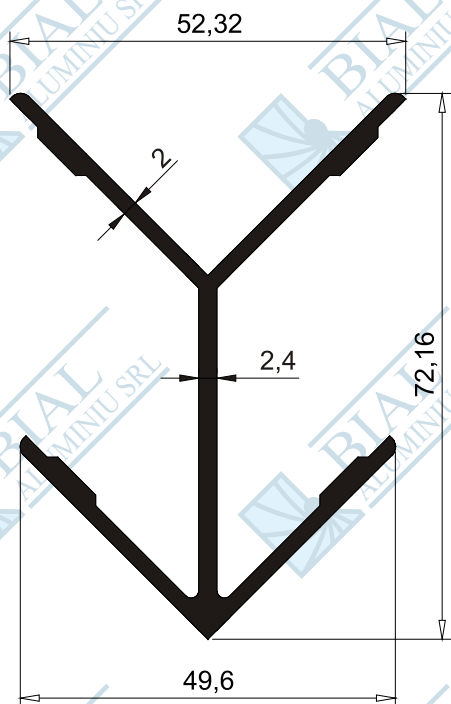
3012  
0,365 kg/m



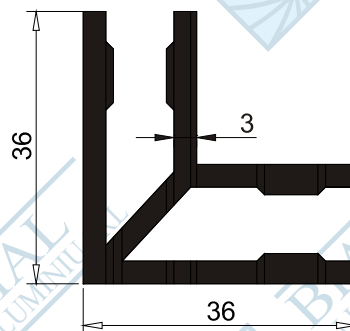
3047  
0,206 kg/m



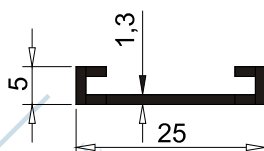
**3066A**  
**1,169 kg/m**



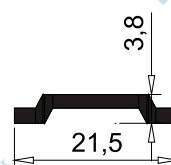
**3066B**  
**1,093 kg/m**



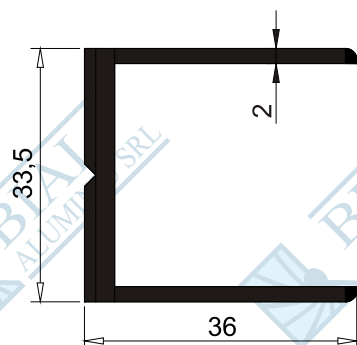
**3105**  
**0,131 kg/m**



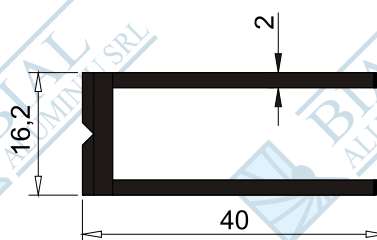
**3106**  
**0,138 kg/m**

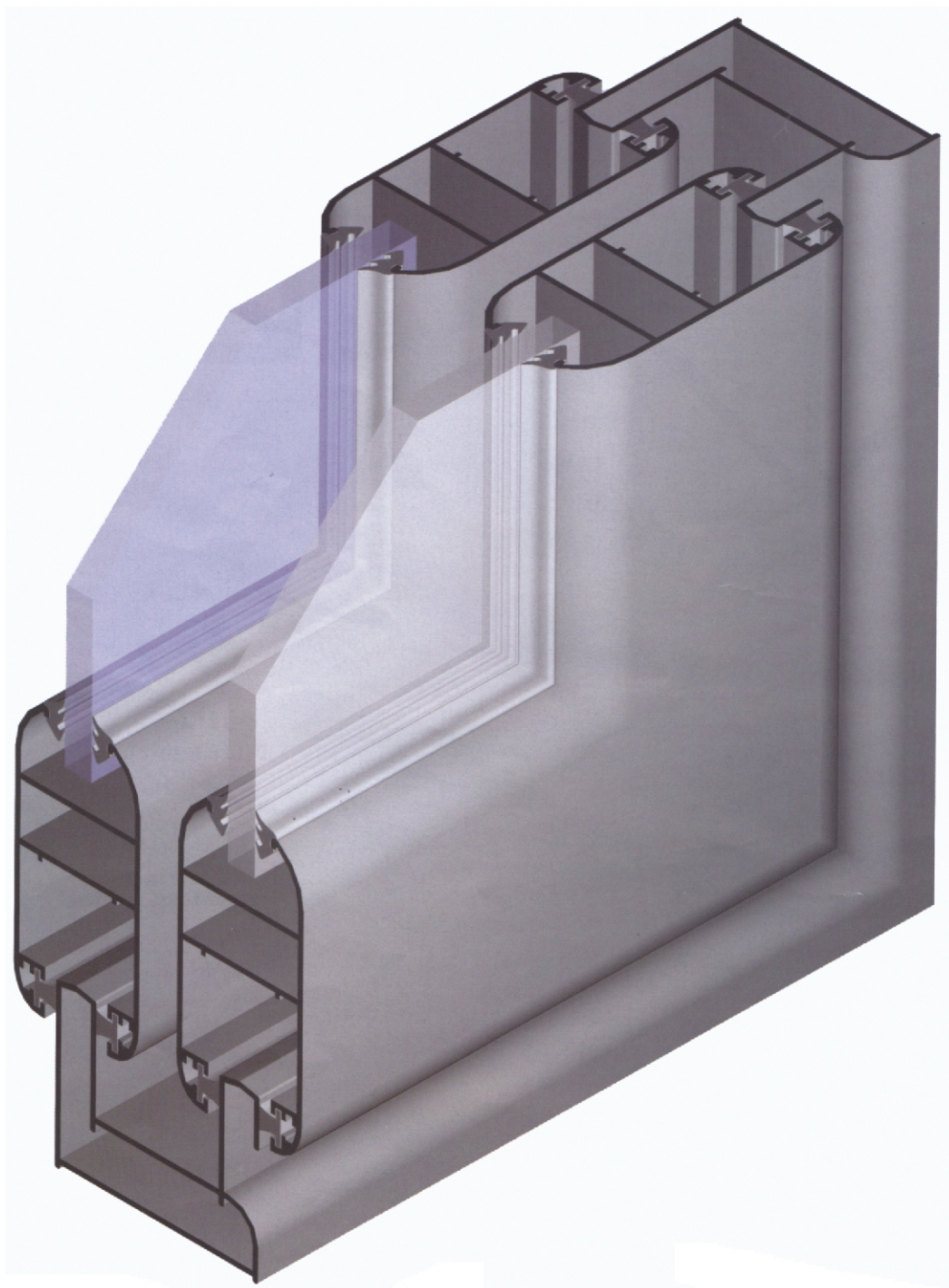


**3151A**  
**0,699 kg/m**



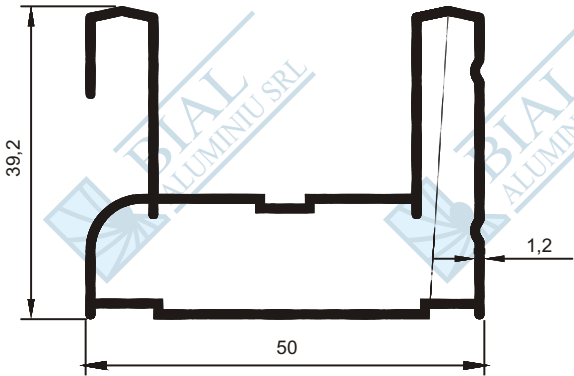
**3151B**  
**0,555 kg/m**



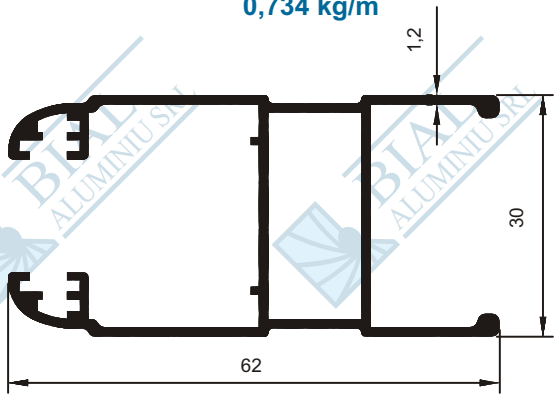


| Cod               | Denumire profil     | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|-------------------|---------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|                   |                     |                        |                                      | total           | exterior |        |
| GLISANT MIC DECOR |                     |                        |                                      |                 |          |        |
| 2092              | Toc                 | 0,713                  | 264,0                                | 435,5           | 260,9    | P05.2  |
| 2093              | Ramă                | 0,734                  | 271,6                                | 424,2           | 349,2    | P05.2  |
| 2094              | Ramă                | 0,733                  | 271,2                                | 432,8           | 357,8    | P05.2  |
| 2095              | Ramă                | 0,698                  | 258,2                                | 412,3           | 274,8    | P05.2  |
| 2096              | Capac               | 0,322                  | 119,1                                | 200,9           | 200,9    | P05.2  |
| 2097              | Baghetă geam simplă | 0,252                  | 93,3                                 | 133,1           | 133,1    | P05.2  |
| 2098              | Ramă                | 0,699                  | 258,9                                | 395,1           | 257,5    | P05.2  |
| 2099              | Adaptor             | 0,164                  | 60,7                                 | 103,2           | 103,2    | P05.2  |
| GLISANT MARE      |                     |                        |                                      |                 |          |        |
| 3020              | Ramă                | 0,715                  | 264,0                                | 391,6           | 213,3    | P05.3  |
| 3021              | Toc                 | 0,680                  | 251,3                                | 396,8           | 303,4    | P05.3  |
| 3022              | Adaptor             | 0,413                  | 152,7                                | 229,4           | 229,4    | P05.3  |
| 3023              | Capac               | 0,267                  | 98,9                                 | 173,0           | 173,0    | P05.3  |
| 3024              | Ornament            | 0,180                  | 66,5                                 | 84,5            | 83,5     | P05.3  |
| 3025              | Baghetă             | 0,195                  | 72,0                                 | 116,6           | 116,9    | P05.3  |
| 3026              | Șină                | 0,119                  | 55,7                                 | 83,8            | 83,8     | P05.3  |
| 3027              | Capac S             | 0,289                  | 106,8                                | 157,5           | 157,5    | P05.3  |
| 3028              | Teu                 | 0,631                  | 232,9                                | 362,1           | 259,0    | P05.3  |
| 3066C             | Colțar mic          | 0,751                  | 278,0                                | 182,8           | 182,8    | P05.3  |
| 3066C             | Profil U mic        | 0,444                  | 163,0                                | 140,7           | 140,7    | P05.3  |
| GLISANT MIC       |                     |                        |                                      |                 |          |        |
| 3370              | Toc                 | 0,675                  | 240,3                                | 398,9           | 241,4    | P05.4  |
| 3371              | Ramă                | 0,690                  | 254,0                                | 410,1           | 335,9    | P05.4  |
| 3372              | Rama                | 0,710                  | 260,6                                | 423,3           | 349,1    | P05.4  |
| 3373              | Rama                | 0,670                  | 250,7                                | 412,9           | 267,5    | P05.4  |
| 3374              | Capac               | 0,285                  | 108,1                                | 195,4           | 195,4    | P05.4  |
| 3375              | Baghetă geam simplu | 0,185                  | 99,2                                 | 141,0           | 141,0    | P05.4  |
| 3376              | Ramă dreapta        | 0,676                  | 249,5                                | 404,7           | 404,7    | P05.4  |
| 3377              | Adaptor             | 0,179                  | 66,1                                 | 104,8           | 104,8    | P05.4  |

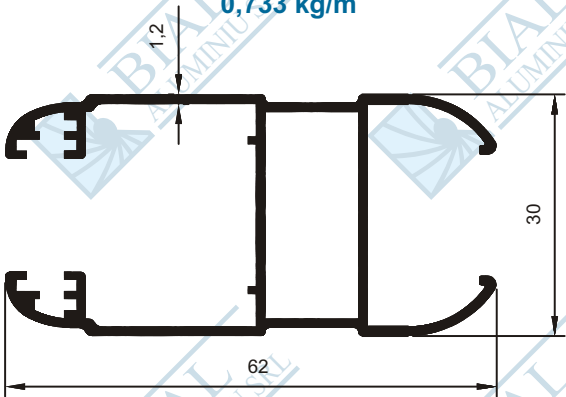
2092  
0,713 kg/m



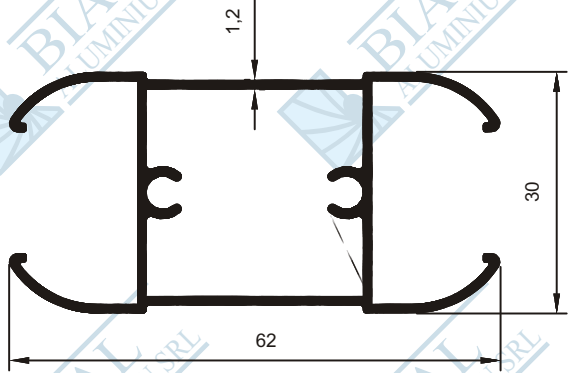
2093  
0,734 kg/m



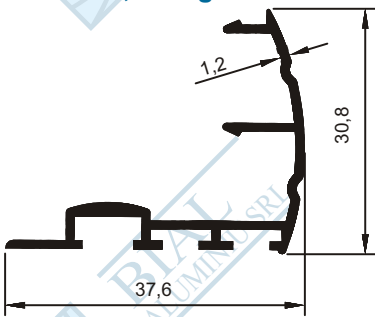
2094  
0,733 kg/m



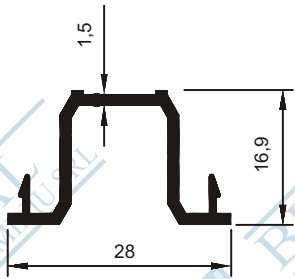
2095  
0,698 kg/m



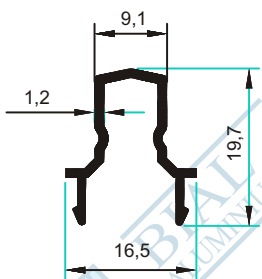
2096  
0,322 kg/m



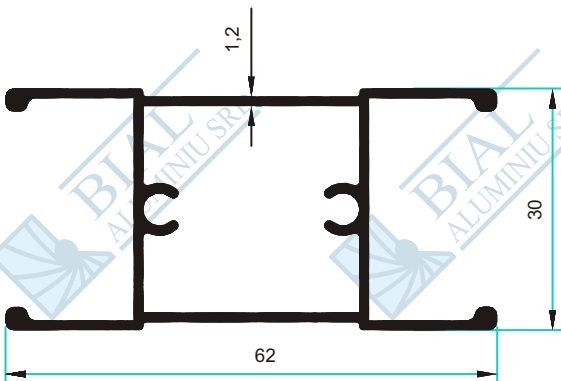
2097  
0,252 kg/m



2099  
0,164 kg/m

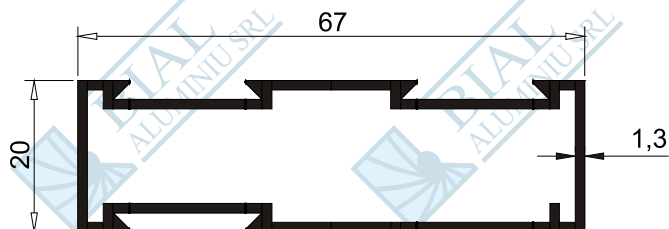


2098  
0,699 kg/m

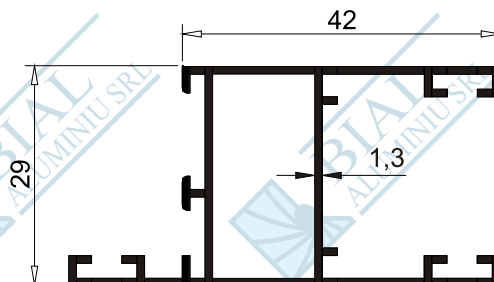




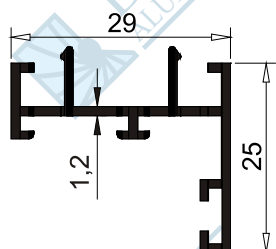
**3020**  
0,715 kg/m



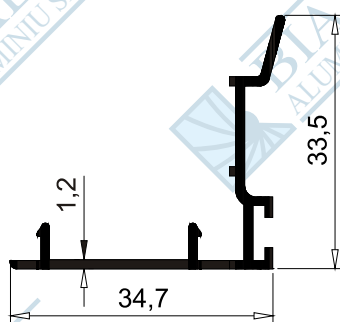
**3021**  
0,680 kg/m



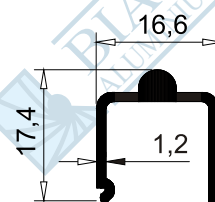
**3022**  
0,413 kg/m



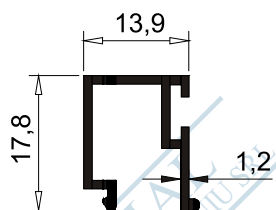
**3023**  
0,267 kg/m



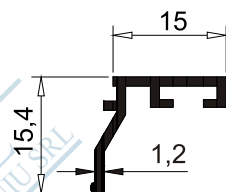
**3024**  
0,180 kg/m



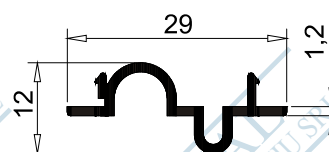
**3025**  
0,195 kg/m



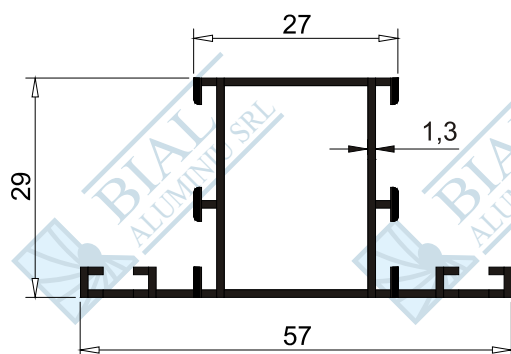
**3026**  
0,119 kg/m



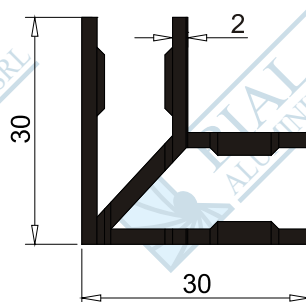
**3027**  
0,289 kg/m



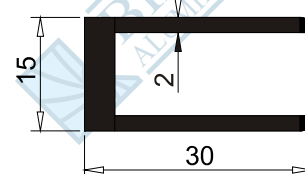
**3028**  
0,631 kg/m

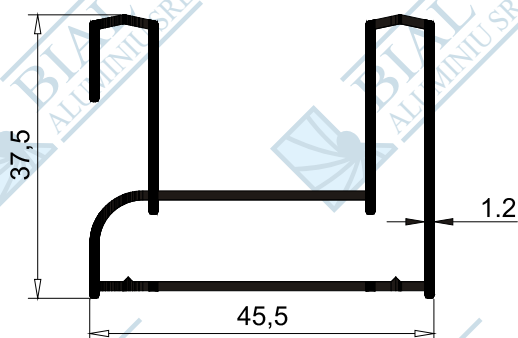
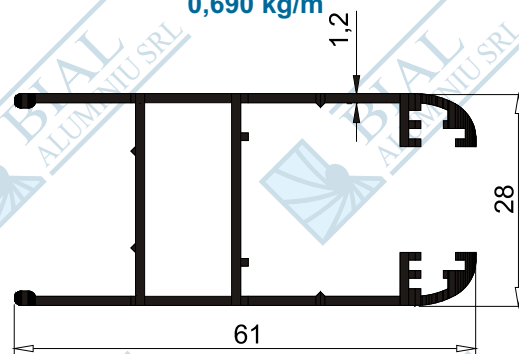
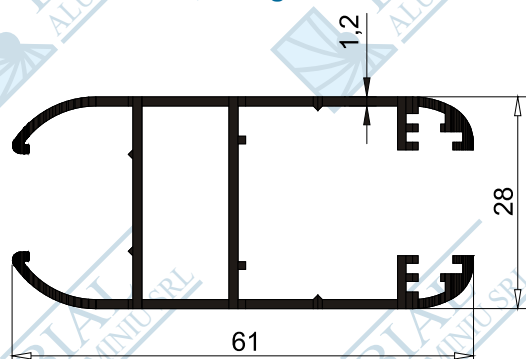
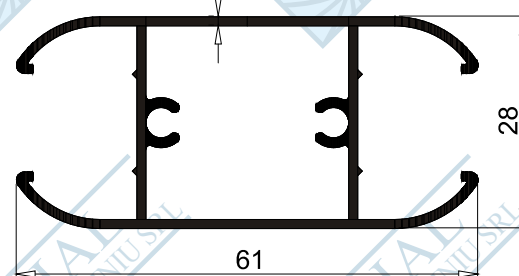
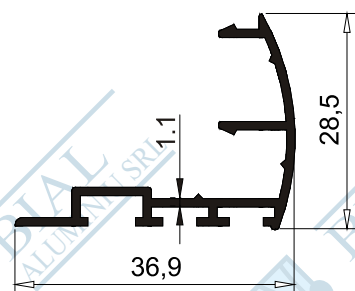
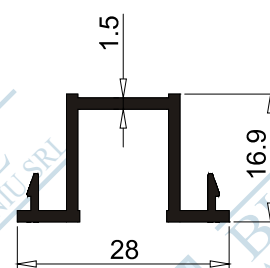
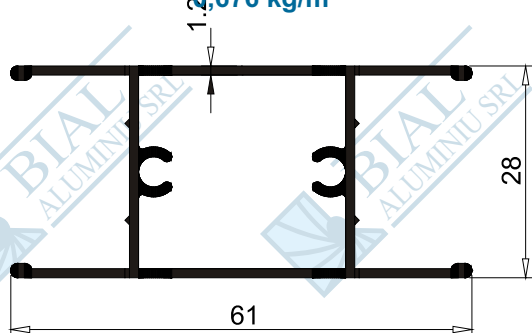
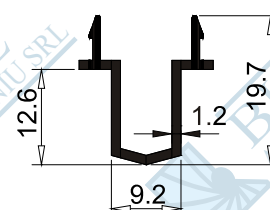


**3066C**  
0,751 kg/m



**3151C**  
0,444 kg/m



**3370**  
0,675 kg/m**3371**  
0,690 kg/m**3372**  
0,710 kg/m**3373**  
0,670 kg/m**3374**  
0,285 kg/m**3375**  
0,185 kg/m**3376**  
0,676 kg/m**3377**  
0,179 kg/m





**BIAL**  
ALUMINIU SRL

membru al BIAT GROUP ROMANIA

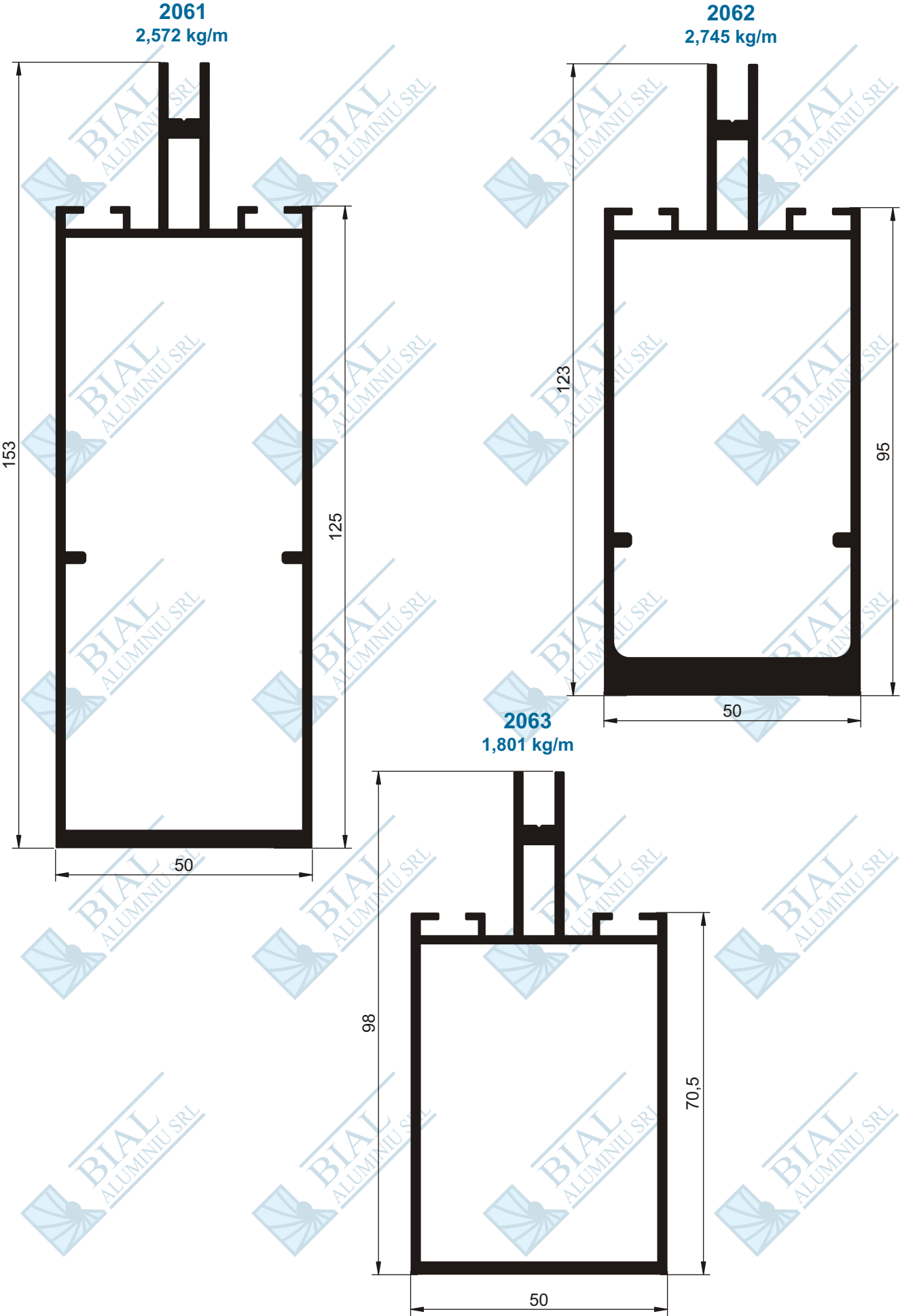




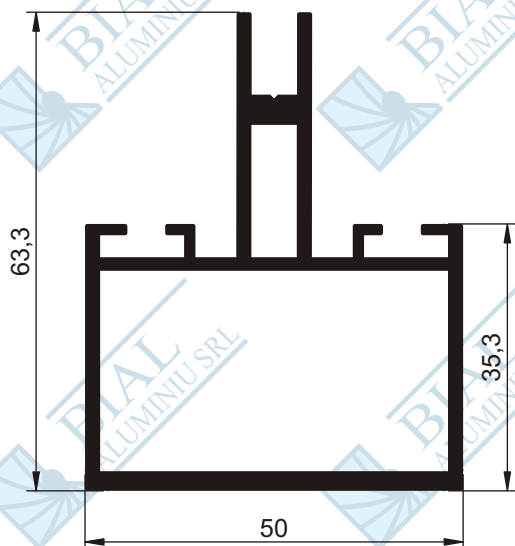


| Cod  | Denumire profil  | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                  |                        |                                      | total           | exterior |        |
| 2061 | Montant greu     | 2,572                  | 952,4                                | 869,6           | 485,5    | P06.2  |
| 2062 | Montant mare     | 2,745                  | 1016,3                               | 736,7           | 425,4    | P06.2  |
| 2063 | Montant mijlociu | 1,801                  | 666,9                                | 636,9           | 374,5    | P06.2  |
| 2064 | Montant mic      | 1,426                  | 528,1                                | 498,1           | 306,1    | P06.3  |
| 2065 | Capac fixare     | 0,473                  | 175,2                                | 164,7           | 164,7    | P06.3  |
| 2066 | Capac fixare     | 0,569                  | 210,8                                | 177,8           | 177,8    | P06.3  |
| 2067 | Capac mascare    | 0,385                  | 142,6                                | 190,2           | 190,2    | P06.3  |
| 2068 | Capac mascare    | 0,438                  | 162,2                                | 216,2           | 216,2    | P06.3  |
| 2069 | Adaptor          | 0,624                  | 231,0                                | 160,7           | 160,7    | P06.3  |
| 2070 | Profil îmbinare  | 0,851                  | 314,9                                | 193,8           | 193,8    | P06.3  |
| 2071 | Adaos            | 0,252                  | 93,0                                 | 131,1           | 131,1    | P06.3  |

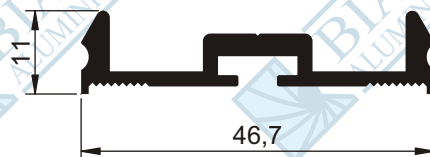




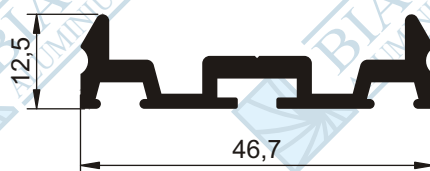
**2064**  
1,425 kg/m



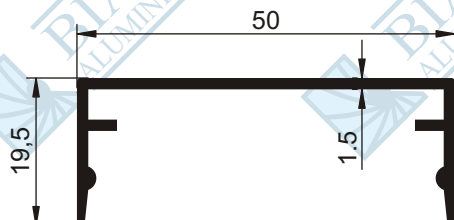
**2065**  
0,473 kg/m



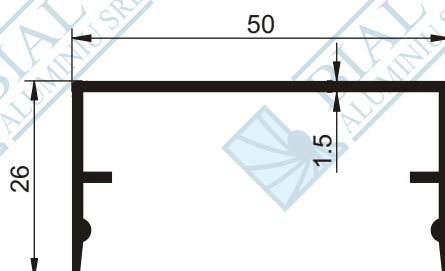
**2066**  
0,569 kg/m



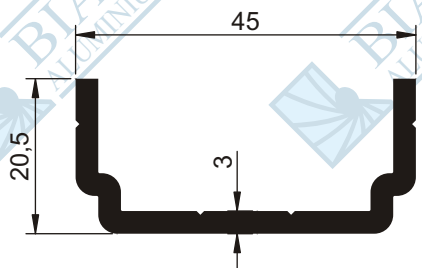
**2067**  
0,385 kg/m



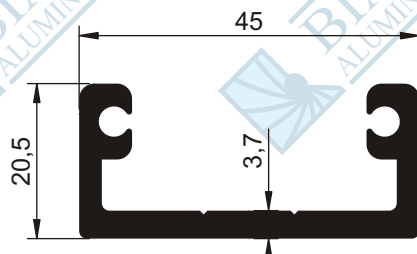
**2068**  
0,438 kg/m



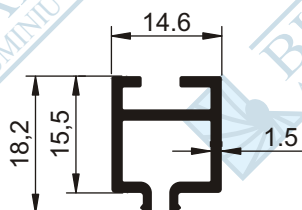
**2069**  
0,624 kg/m

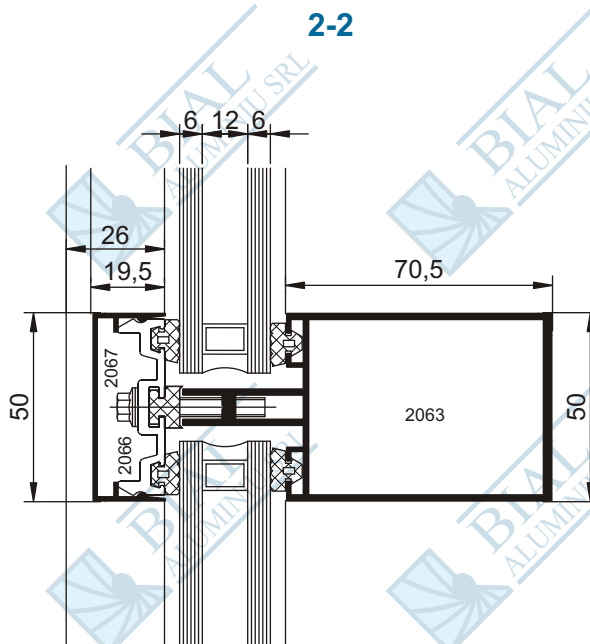
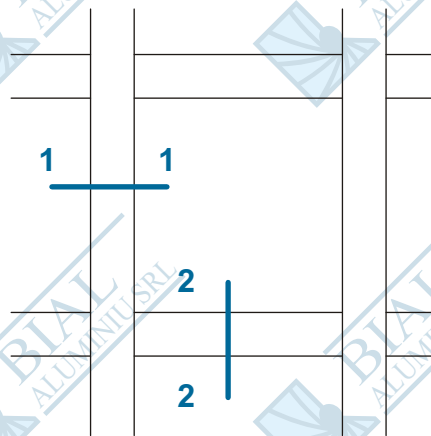
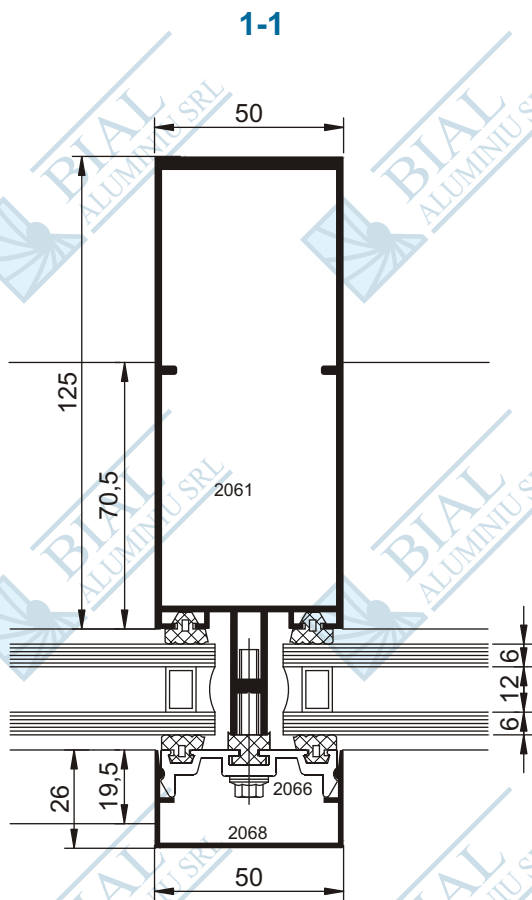


**2070**  
0,851 kg/m



**2071**  
0,252 kg/m





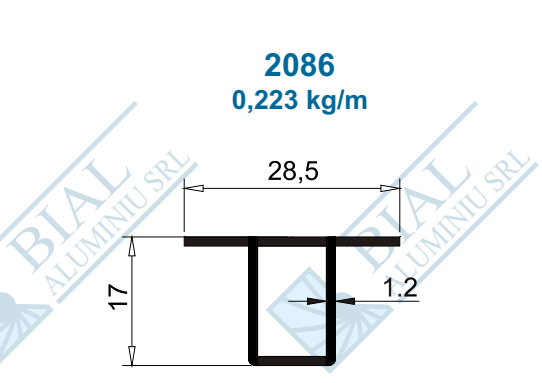
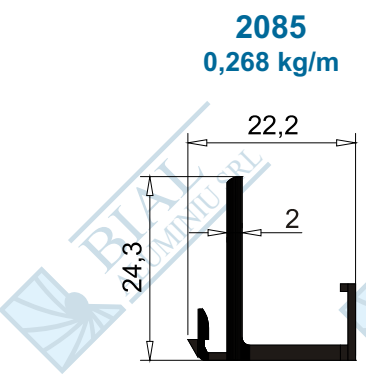
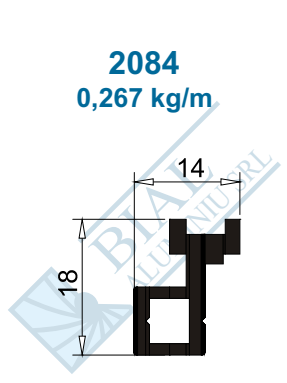
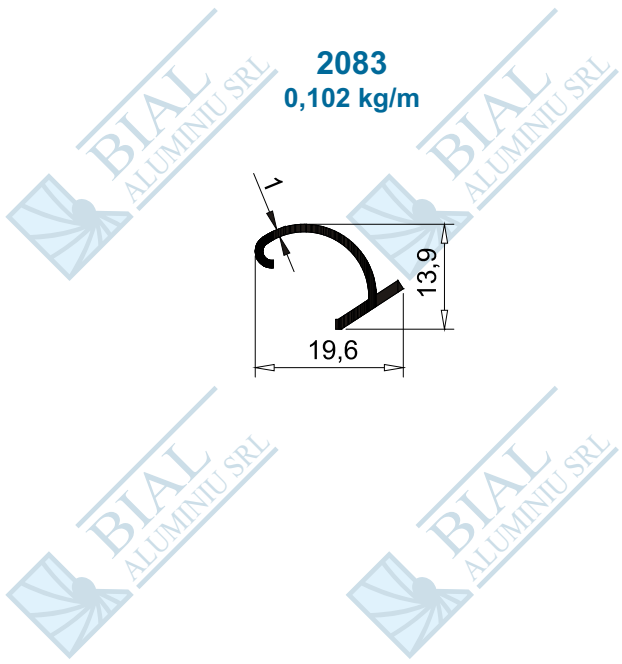
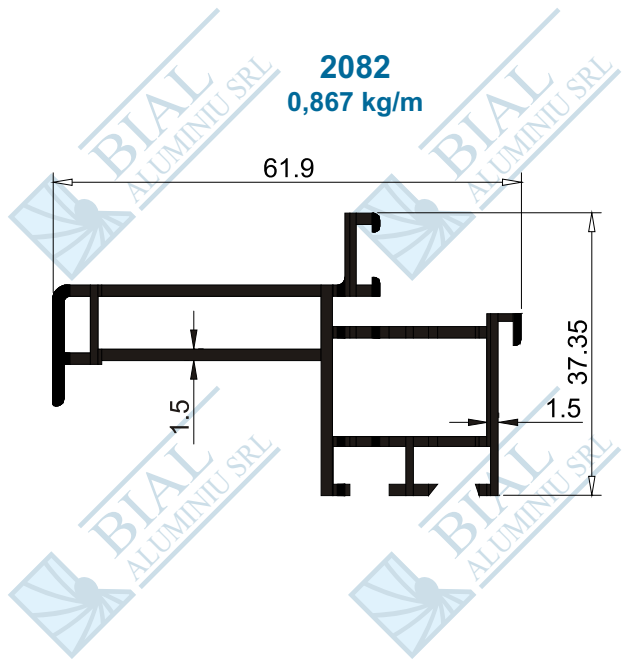
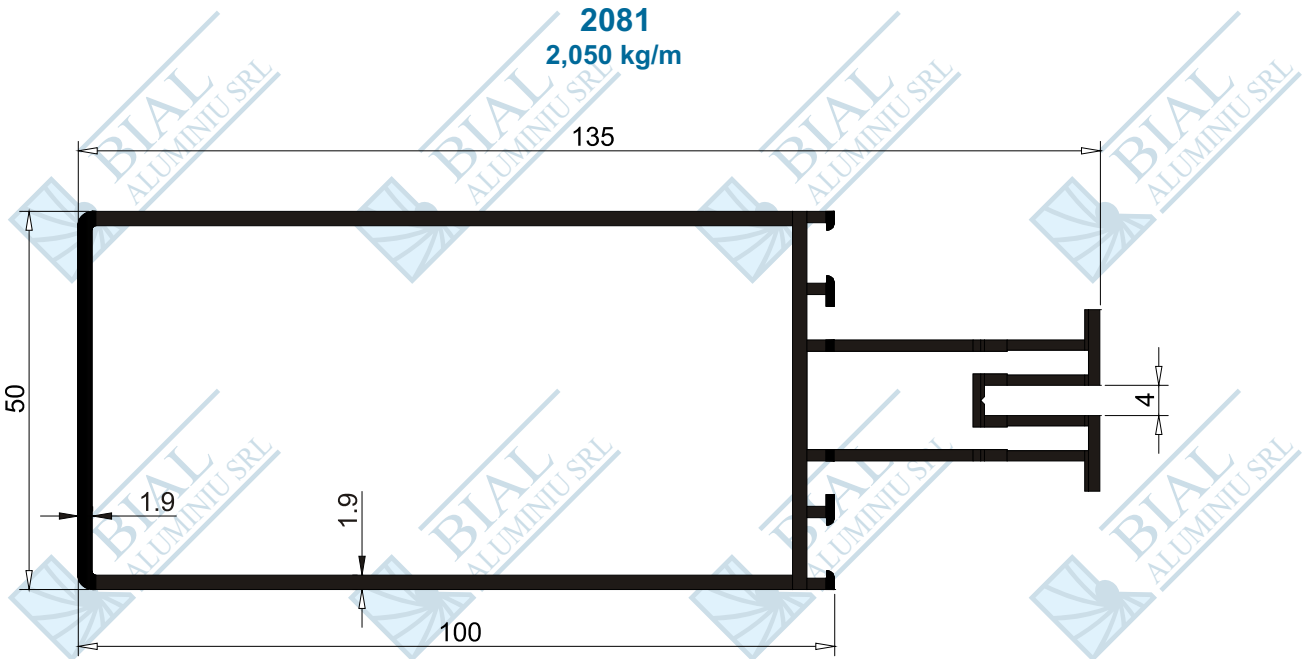




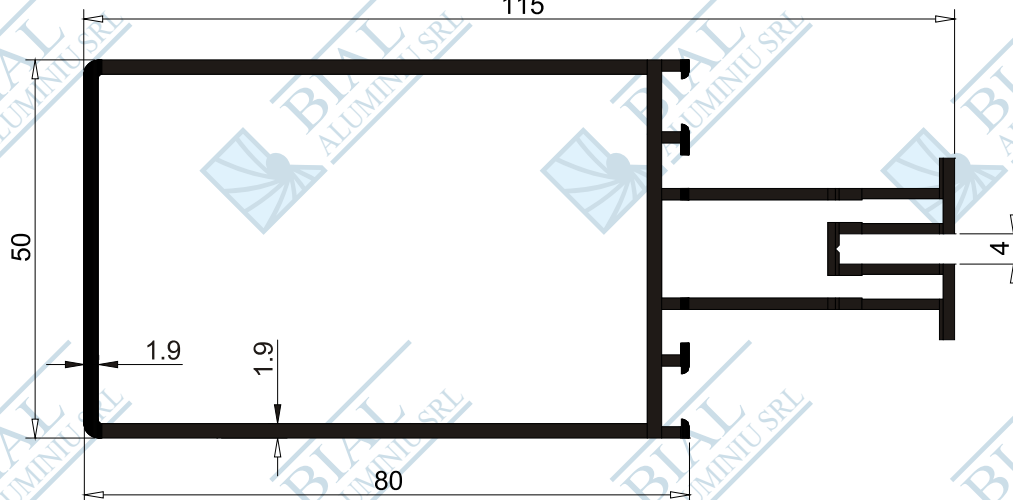




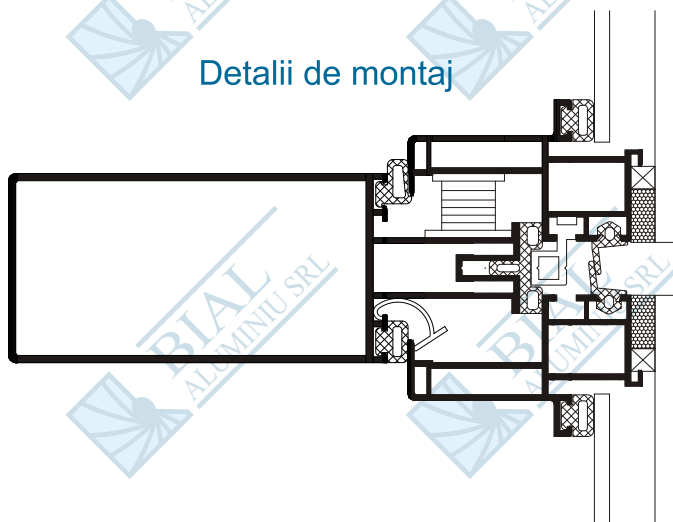
| Cod  | Denumire profil | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|-----------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                 |                        |                                      | total           | exterior |        |
| 2081 | Montant         | 2,050                  | 759,2                                | 866,1           | 456,7    | P07.2  |
| 2082 | Ramă panou      | 0,867                  | 320,9                                | 445,2           | 283,6    | P07.2  |
| 2083 | Adaptor         | 0,102                  | 37,6                                 | 71,5            | 71,5     | P07.2  |
| 2084 | Piesă fixare    | 0,267                  | 98,9                                 | 95,1            | 72,2     | P07.2  |
| 2085 | Ramă geam       | 0,268                  | 99,2                                 | 120,6           | 120,6    | P07.2  |
| 2086 | Distanțier      | 0,223                  | 82,6                                 | 137,6           | 90,2     | P07.2  |
| 2087 | Montant mic     | 1,845                  | 683,2                                | 786,1           | 416,7    | P07.3  |



**2087**  
**1,845 kg/m**  
**115**



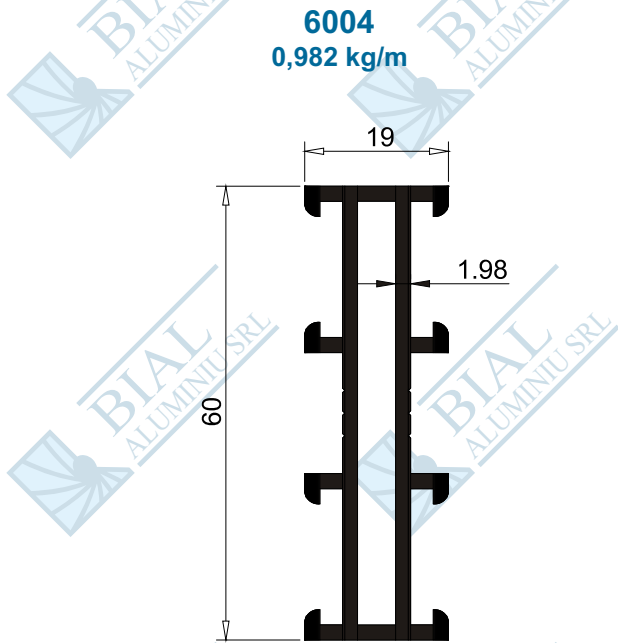
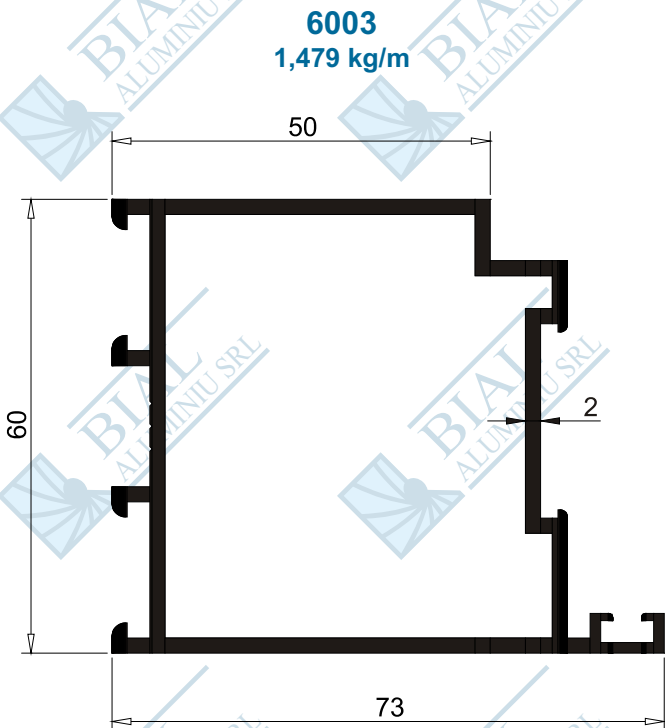
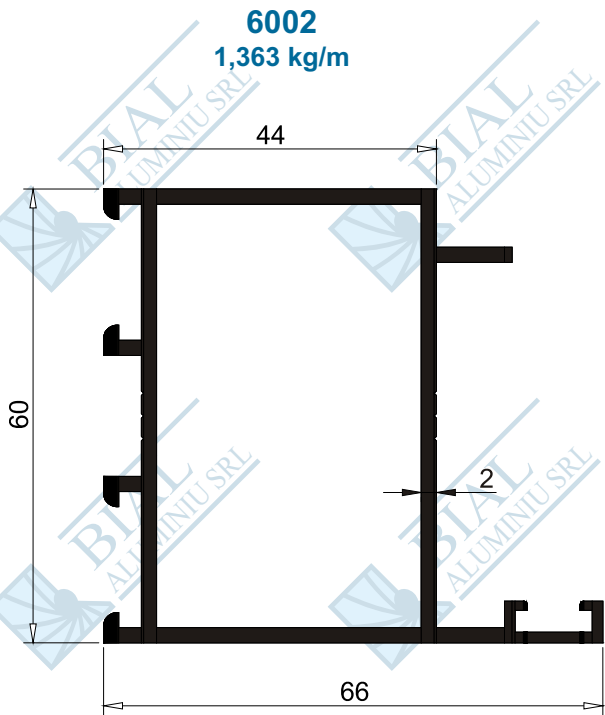
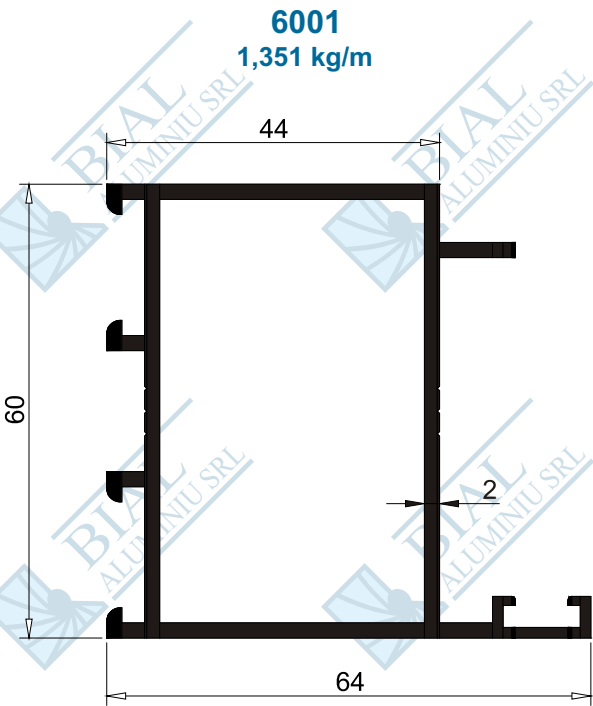
Detalii de montaj



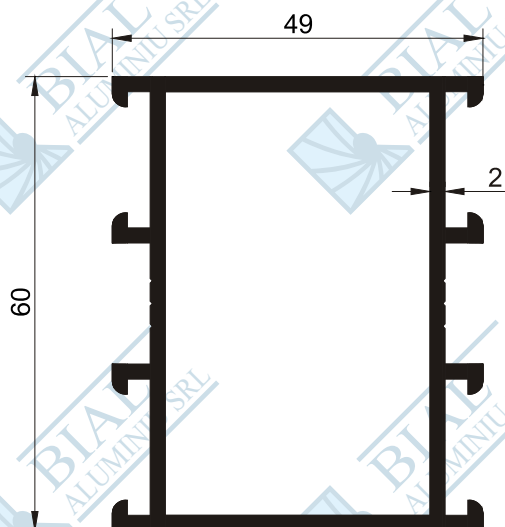




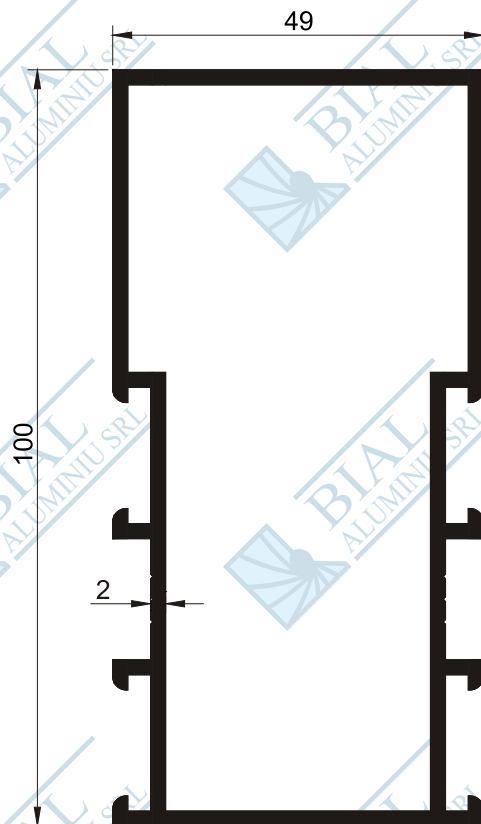
| Cod  | Denumire profil     | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------|---------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|      |                     |                        |                                      | total           | exterior |        |
| 6001 | Toc cercevea        | 1,351                  | 500,1                                | 515,6           | 337,6    | P08.2  |
| 6002 | Toc cercevea        | 1,363                  | 504,8                                | 519,6           | 337,6    | P08.2  |
| 6003 | Toc                 | 1,479                  | 547,7                                | 561,9           | 340,4    | P08.2  |
| 6004 | Teu mic             | 0,982                  | 363,5                                | 367,5           | 245,3    | P08.2  |
| 6005 | Teu mediu           | 1,312                  | 485,9                                | 487,3           | 305,3    | P08.3  |
| 6006 | Teu lat             | 1,842                  | 681,9                                | 683,3           | 403,3    | P08.3  |
| 6007 | Teu grilaj          | 1,798                  | 665,9                                | 667,3           | 385,3    | P08.3  |
| 6008 | Plinta              | 1,518                  | 561,9                                | 619,5           | 383,9    | P08.3  |
| 6009 | Plinta lata         | 2,098                  | 776,9                                | 777,9           | 463,9    | P08.4  |
| 6010 | Colț 135°           | 1,146                  | 424,4                                | 441,4           | 263,5    | P08.4  |
| 6011 | Colț 90°            | 1,354                  | 501,3                                | 522,2           | 303,3    | P08.4  |
| 6012 | Adaptor             | 1,014                  | 375,4                                | 368,2           | 368,2    | P08.4  |
| 6013 | Adaptor             | 0,609                  | 225,2                                | 240,7           | 240,7    | P08.4  |
| 6014 | Adaptor             | 0,418                  | 154,6                                | 223,8           | 223,8    | P08.5  |
| 6015 | Adaptor aripă       | 0,217                  | 80,4                                 | 120,3           | 120,3    | P08.5  |
| 6016 | Adaptor ușă batanta | 0,460                  | 170,1                                | 242,6           | 242,6    | P08.5  |
| 6017 | Adaptor ușă batanta | 0,398                  | 147,2                                | 221,6           | 221,6    | P08.5  |
| 6018 | Baghetă             | 0,249                  | 92,5                                 | 130,9           | 130,9    | P08.5  |
| 6019 | Bagheta             | 0,268                  | 99,2                                 | 143,2           | 143,2    | P08.5  |
| 6020 | Baghetă             | 0,338                  | 125,3                                | 180,7           | 180,7    | P08.5  |
| 6021 | Piesă îmbinare      | 1,126                  | 416,9                                | 255,3           | 255,3    | P08.5  |
| 6022 | Contraplace broască | 0,473                  | 175,1                                | 110,5           | 110,5    | P08.5  |
| 6023 | Contraplace broască | 0,534                  | 198,1                                | 114,6           | 114,6    | P08.5  |
| 6024 | Balama              | 1,674                  | 619,7                                | 234,3           | 172,5    | P08.5  |
| 6025 | Capac balam         | 0,471                  | 174,2                                | 81,3            | 81,3     | P08.5  |
| 6026 | Balama              | 2,749                  | 1017,9                               | 241,5           | 206,9    | P08.5  |
| 6027 | Capac balama        | 0,610                  | 225,7                                | 105,1           | 105,1    | P08.6  |
| 6028 | Colțar              | 9,806                  | 3631,6                               | 555,4           | 555,4    | P08.6  |
| 6029 | Colțar              | 6,161                  | 2281,7                               | 714,0           | 314,3    | P08.6  |



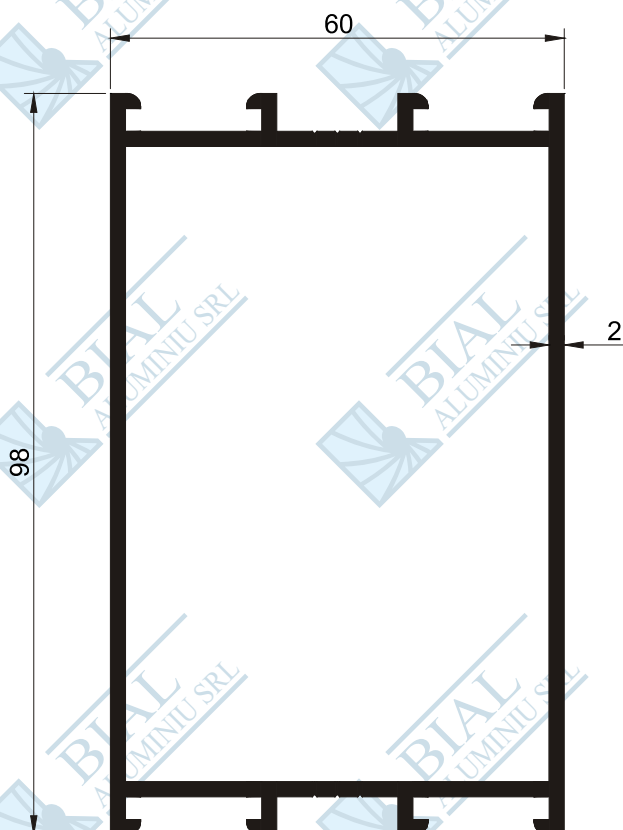
**6005**  
**1,312 kg/m**



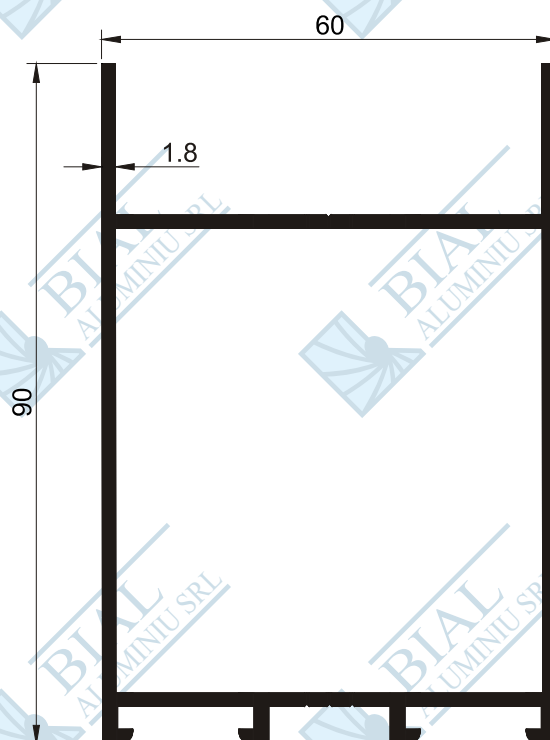
**6007**  
**1,798 kg/m**

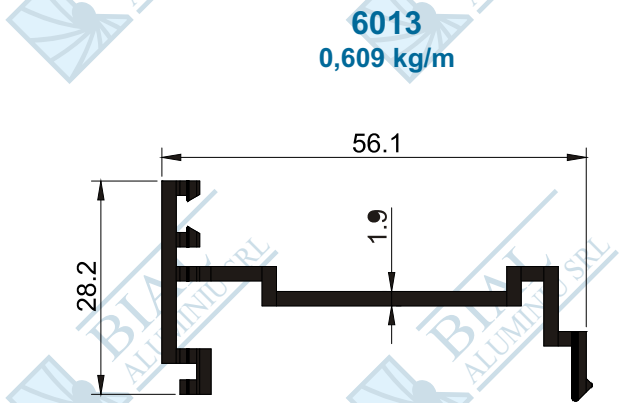
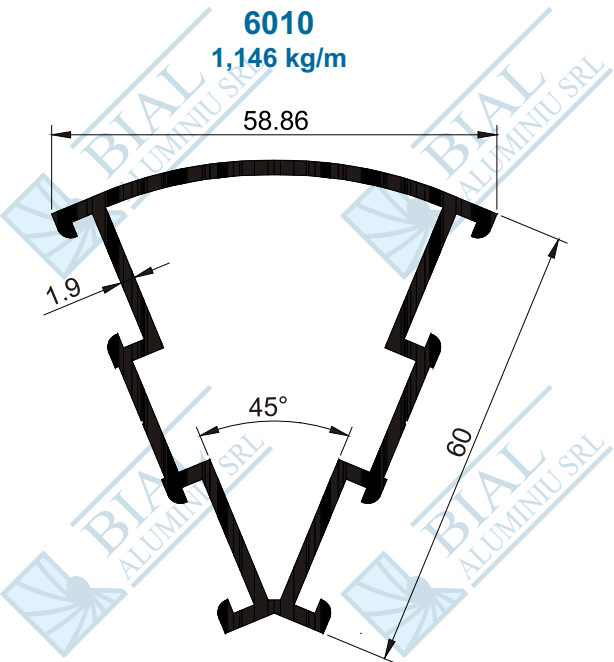
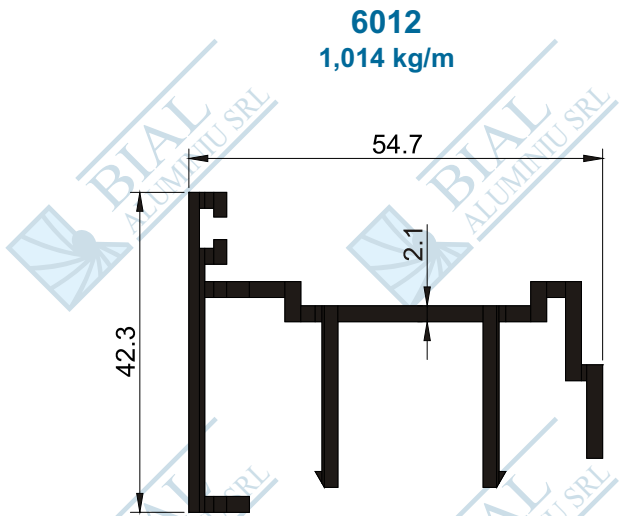
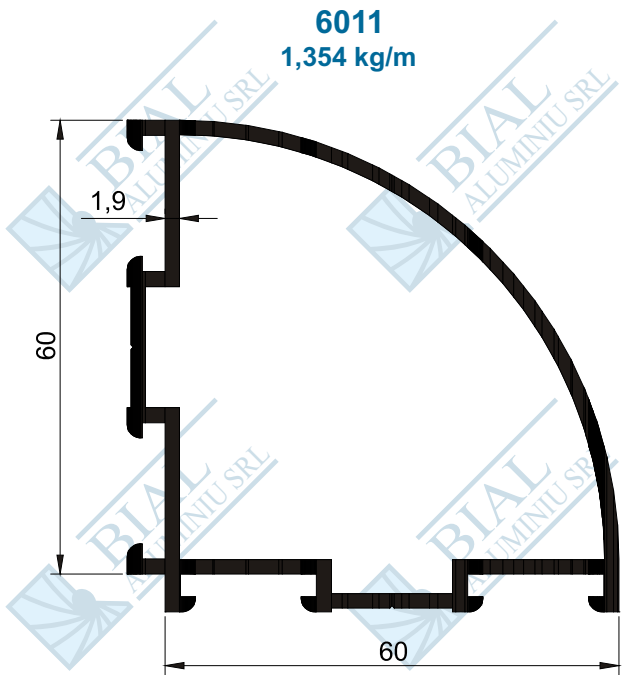
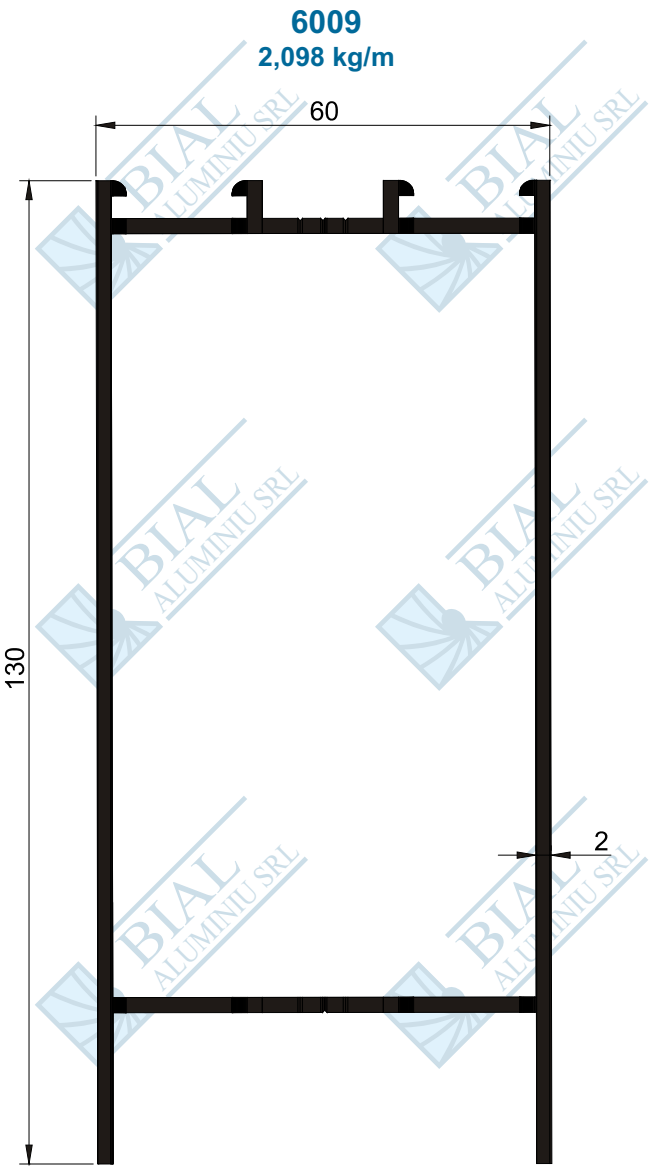


**6006**  
**1,842 kg/m**

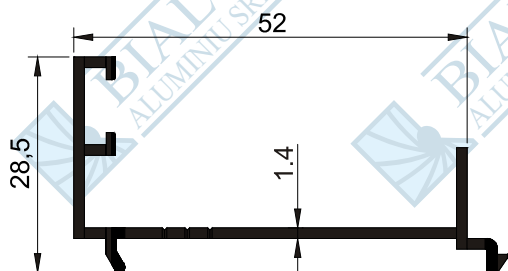


**6008**  
**1,518 kg/m**

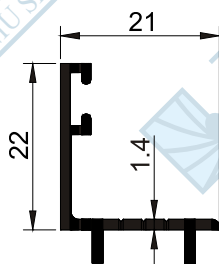




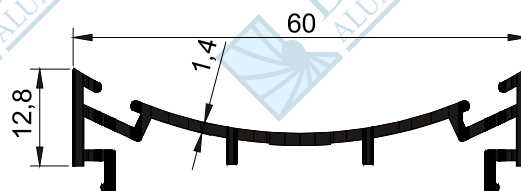
**6014**  
0,418 kg/m



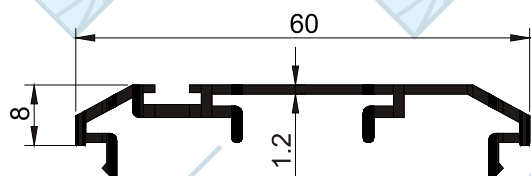
**6015**  
0,217 kg/m



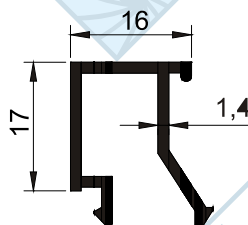
**6016**  
0,460 kg/m



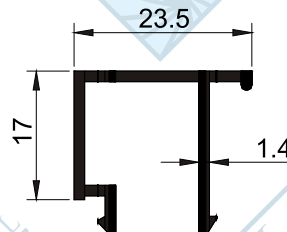
**6017**  
0,398 kg/m



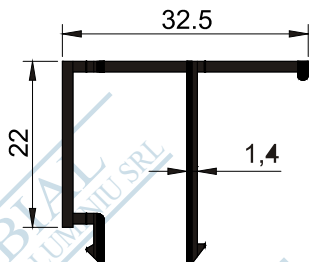
**6018**  
0,249 kg/m



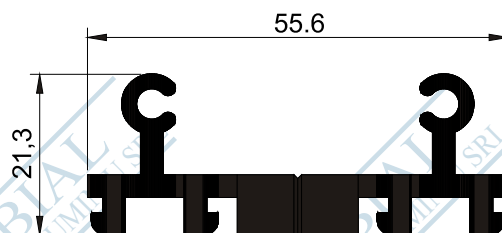
**6019**  
0,268 kg/m



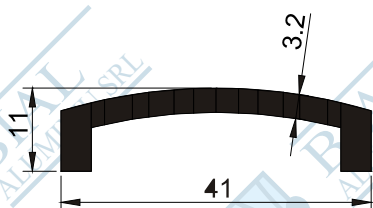
**6020**  
0,338 kg/m



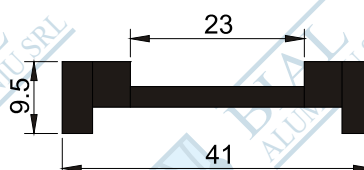
**6021**  
1,126 kg/m



**6022**  
0,473 kg/m

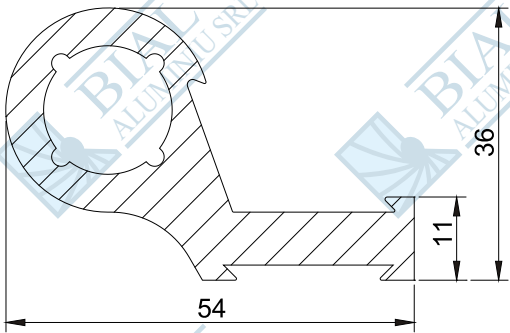


**6023**  
0,534 kg/m

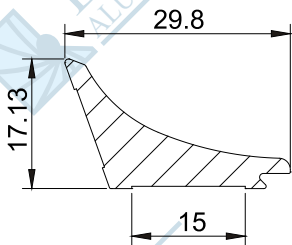




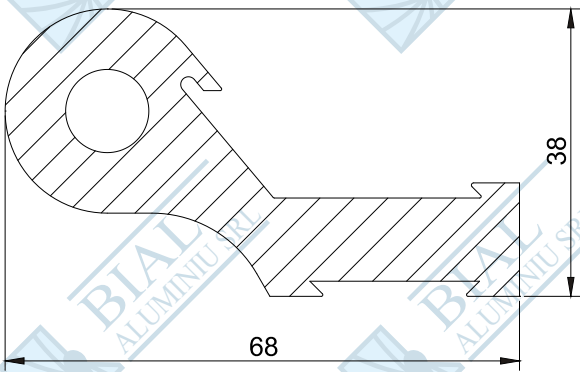
**6024**  
1,674 kg/m



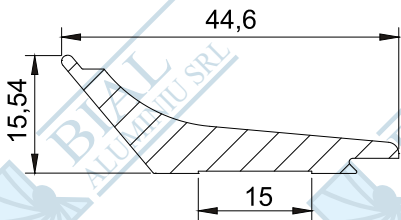
**6025**  
0,471 kg/m



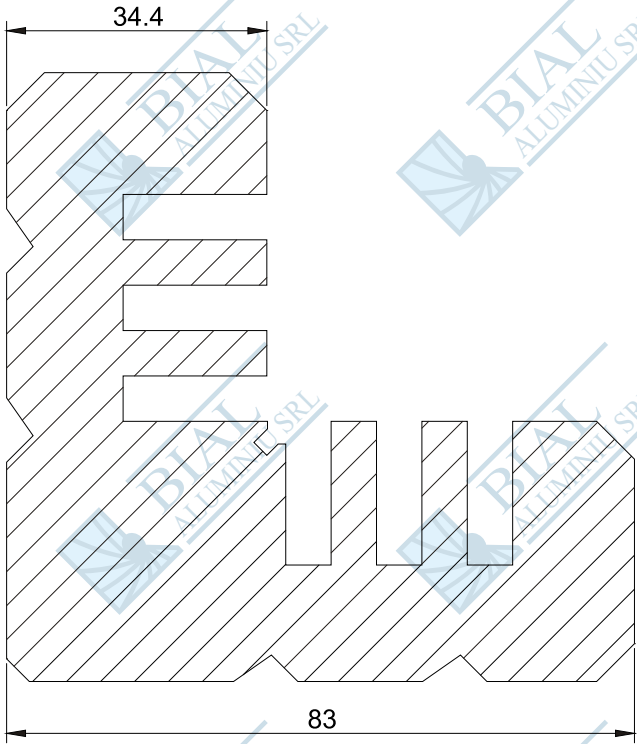
**6026**  
2,749 kg/m



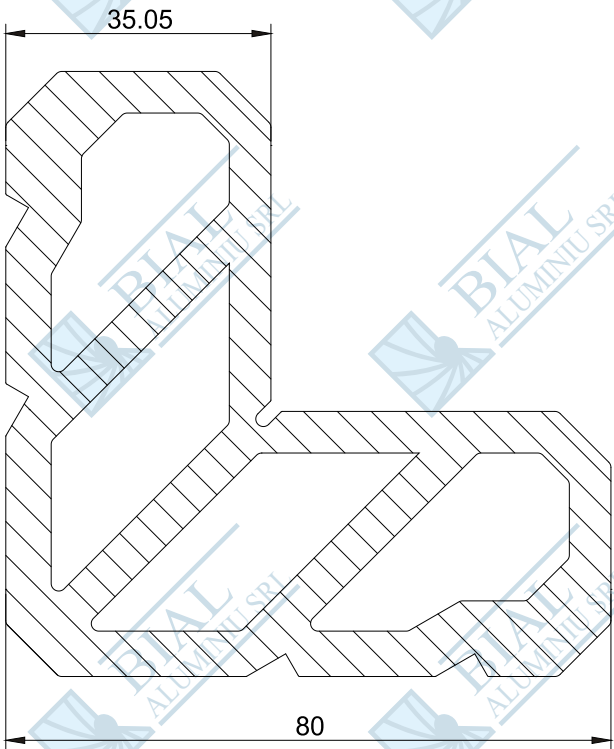
**6027**  
0,610 kg/m

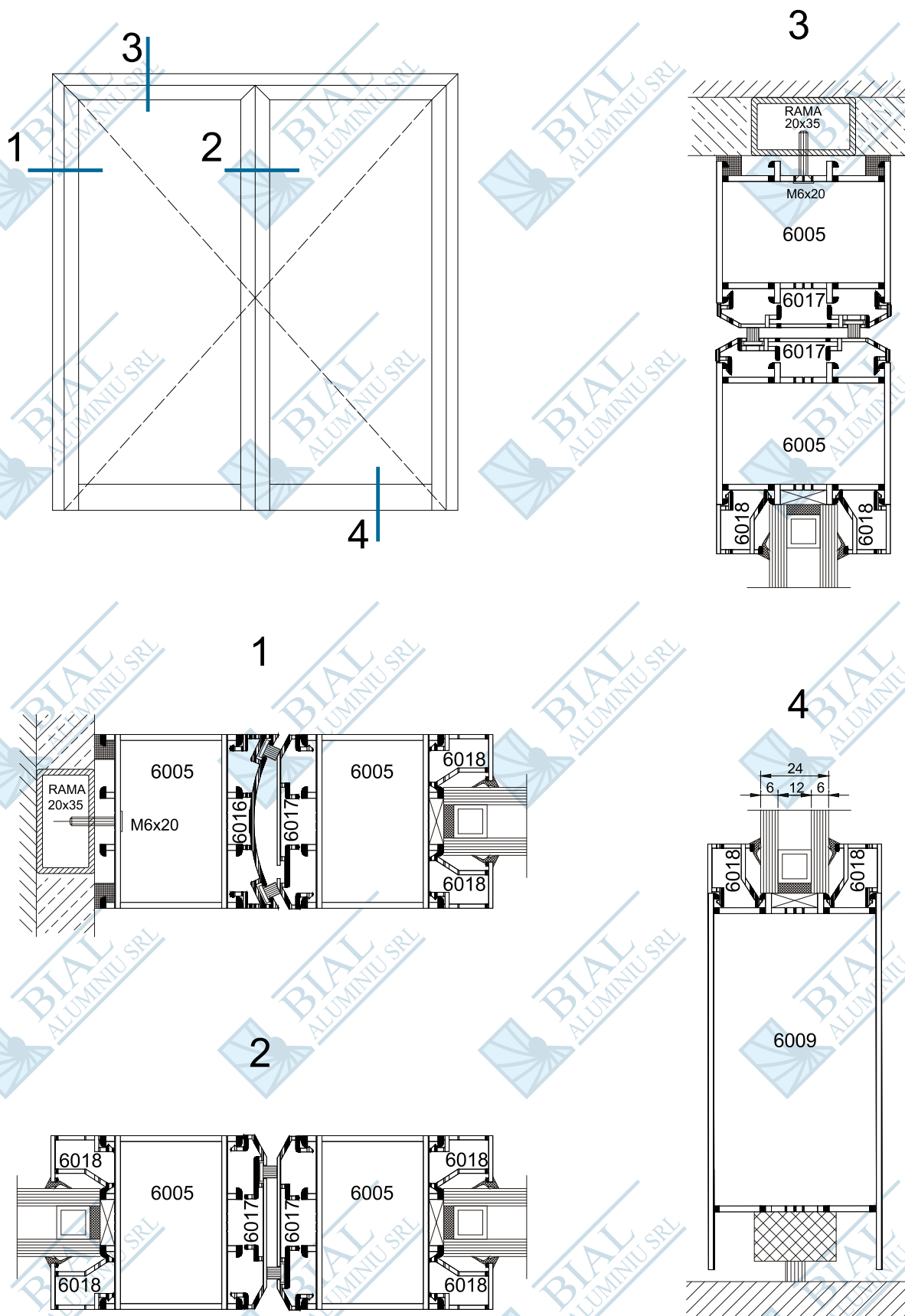


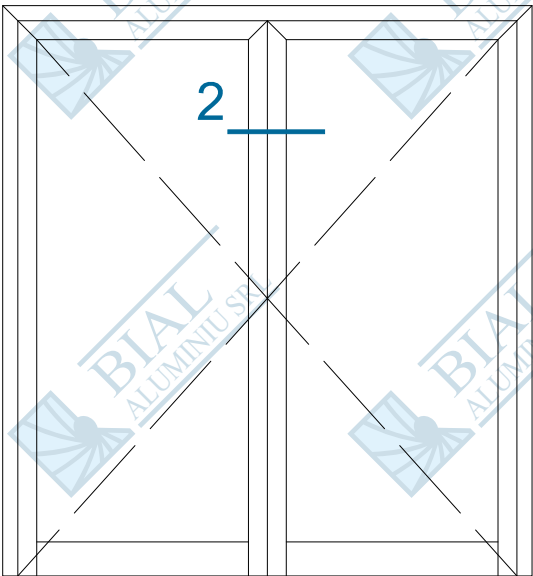
**6028**  
9,806 kg/m



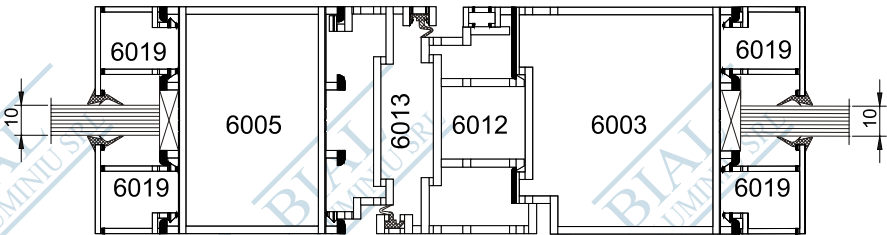
**6029**  
6,161 kg/m

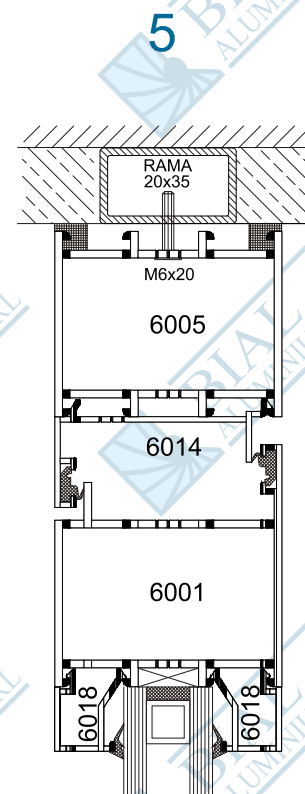
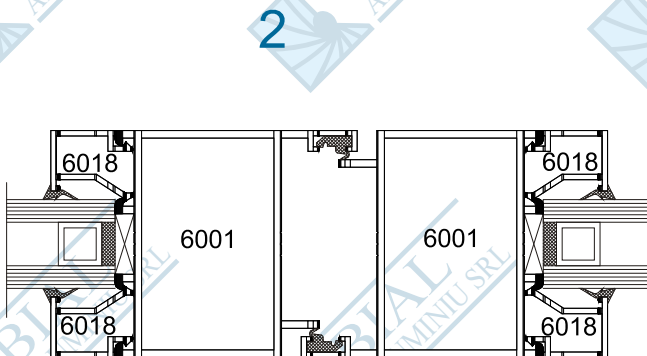
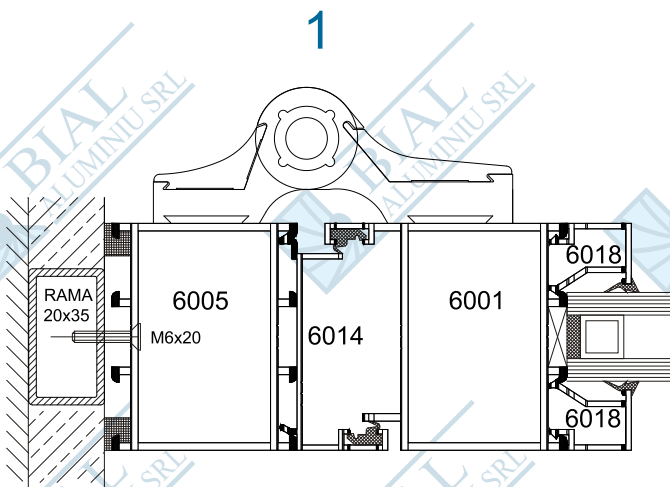
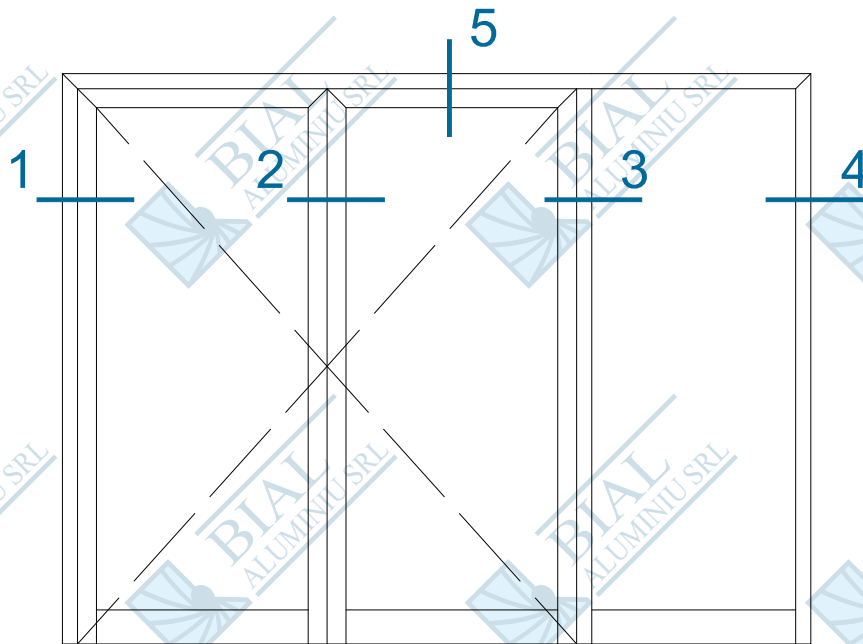


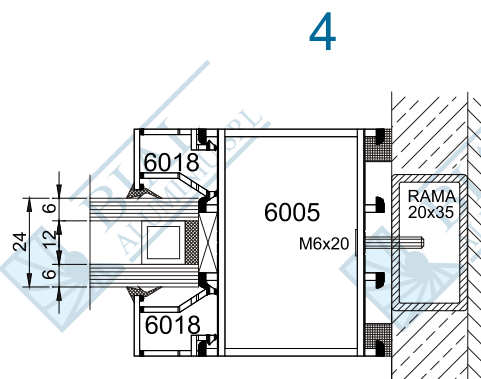
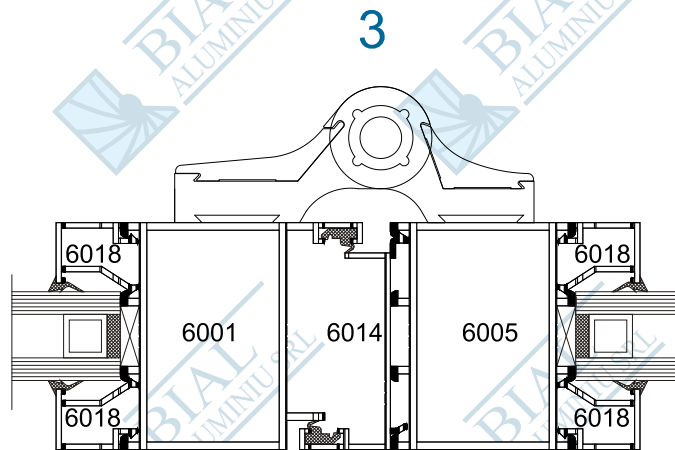




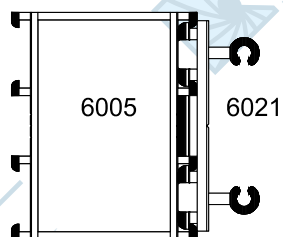
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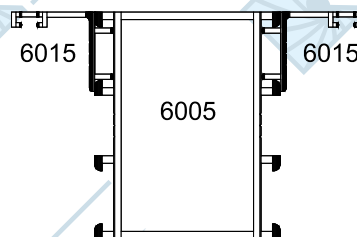




PIESA IMBINARE TEU



ADAPTOR ARIPA TEU







**BIAL**  
ALUMINIU SRL

membru al BIAT GROUP ROMANIA

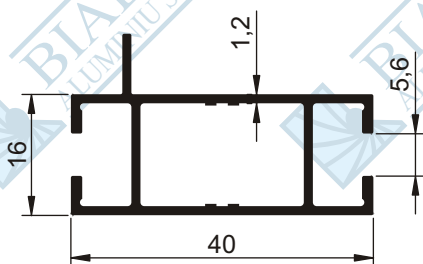
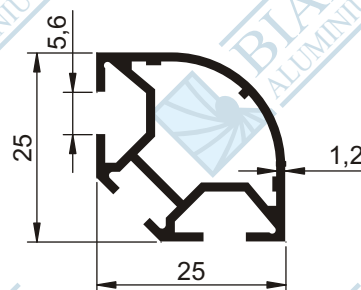
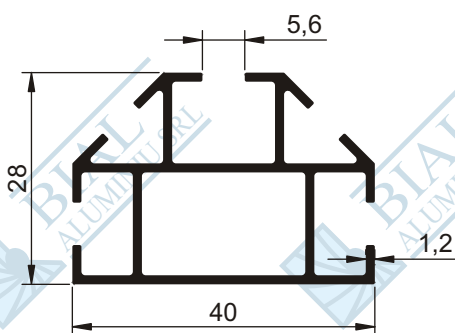
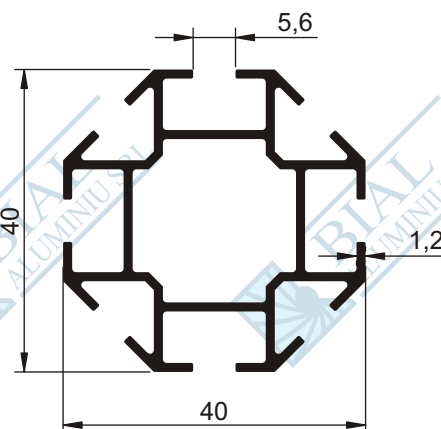
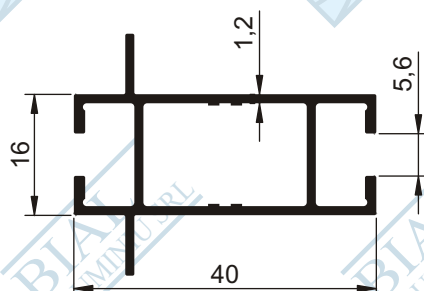






| Cod         | Denumire profil     | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina       |
|-------------|---------------------|------------------------|--------------------------------------|-----------------|----------|--------------|
|             |                     |                        |                                      | total           | exterior |              |
| <b>3313</b> | Profil drept        | 0,492                  | 163,6                                | 262,6           | 190,7    | <b>P09.2</b> |
| <b>3314</b> | Profil colț rotund  | 0,398                  | 141,8                                | 224,5           | 153,5    | <b>P09.2</b> |
| <b>3581</b> | Profil colț drept   | 0,606                  | 221,7                                | 338,7           | 269,2    | <b>P09.2</b> |
| <b>3582</b> | Profil colț octogon | 0,770                  | 272,6                                | 426,9           | 345,8    | <b>P09.2</b> |
| <b>3583</b> | Profil drept        | 0,475                  | 173,2                                | 278,1           | 206,2    | <b>P09.2</b> |

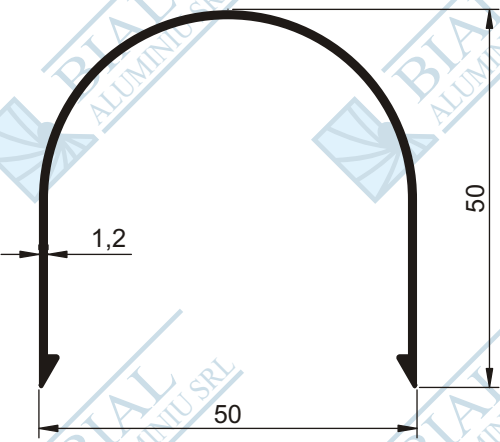


**3313**  
0,492 kg/m**3314**  
0,398 kg/m**3581**  
0,606 kg/m**3582**  
0,770 kg/m**3583**  
0,475 kg/m

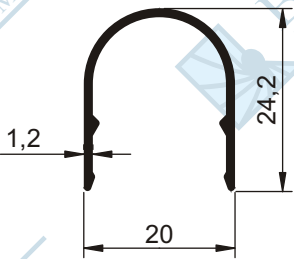
| Cod                                | Denumire profil   | Masa unitară<br>(kg/m) | Aria secțiunii<br>(mm <sup>2</sup> ) | Perimetrul (mm) |          | Pagina |
|------------------------------------|-------------------|------------------------|--------------------------------------|-----------------|----------|--------|
|                                    |                   |                        |                                      | total           | exterior |        |
| <b>profile ornament</b>            |                   |                        |                                      |                 |          |        |
| 3013                               | Ornament 50       | 0,530                  | 156,8                                | 257,8           | 257,8    | P10.2  |
| 3067                               | Ornament 20       | 0,306                  | 72,3                                 | 118,5           | 118,5    | P10.2  |
| 3068                               | Capac ornament 20 | 0,106                  | 46,2                                 | 84,8            | 84,8     | P10.2  |
| 3081                               | Capac ornament 50 | 0,271                  | 93,3                                 | 145,1           | 145,1    | P10.2  |
| <b>profile pentru reclamă</b>      |                   |                        |                                      |                 |          |        |
| 3112                               | Ramă iluminare    | 0,519                  | 192,3                                | 322,8           | 322,8    | P10.2  |
| 3113                               | Ramă față         | 0,188                  | 69,5                                 | 114,9           | 114,9    | P10.3  |
| 3114                               | Ramă spate        | 0,221                  | 81,9                                 | 120,3           | 120,3    | P10.3  |
| <b>profile pentru ramă insecte</b> |                   |                        |                                      |                 |          |        |
| 3115                               | Ramă mare         | 0,279                  | 103,2                                | 170,8           | 96,4     | P10.3  |
| 3116                               | Ramă mică         | 0,213                  | 78,8                                 | 130,2           | 78,4     | P10.3  |
| <b>profile pentru accesorii</b>    |                   |                        |                                      |                 |          |        |
| 3818                               | Colțar            | 3,061                  | 1146,3                               | 363,8           | 363,8    | P10.3  |
| <b>profile de completare</b>       |                   |                        |                                      |                 |          |        |
| 3119                               | Glaf 165          | 0,957                  | 354,3                                | 434,9           | 434,9    | P10.4  |
| 3120                               | Glaf 135          | 0,735                  | 272,1                                | 374,5           | 374,5    | P10.4  |
| 3121                               | Glaf 195          | 1,206                  | 446,4                                | 495,8           | 495,8    | P10.4  |
| 3122                               | Glaf 105          | 0,617                  | 228,4                                | 313,6           | 313,6    | P10.4  |
| 3123                               | Glaf 75           | 0,503                  | 186,2                                | 252,8           | 252,8    | P10.4  |



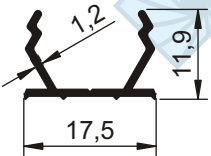
3013  
0,530 kg/m



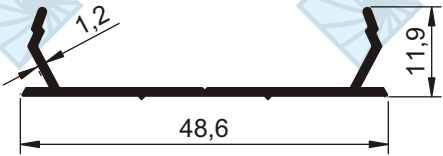
3067  
0,306 kg/m



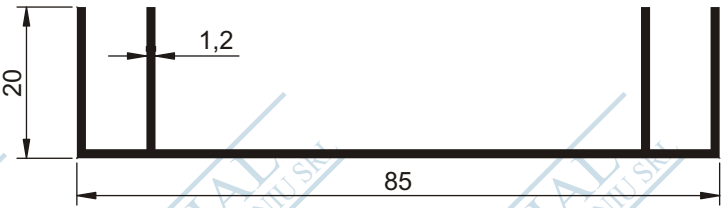
3068  
0,106 kg/m



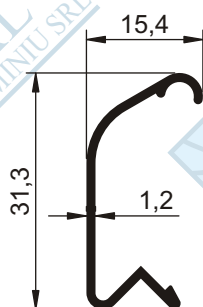
3081  
0,271 kg/m



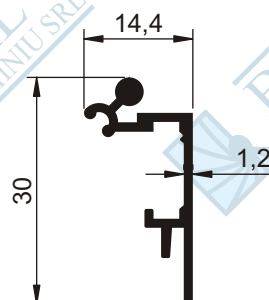
3112  
0,519 kg/m



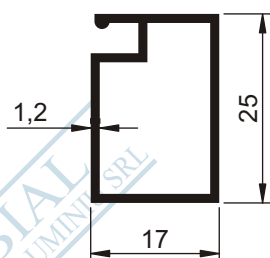
**3113**  
0,188 kg/m



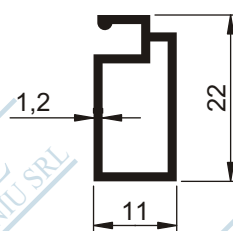
**3114**  
0,221 kg/m



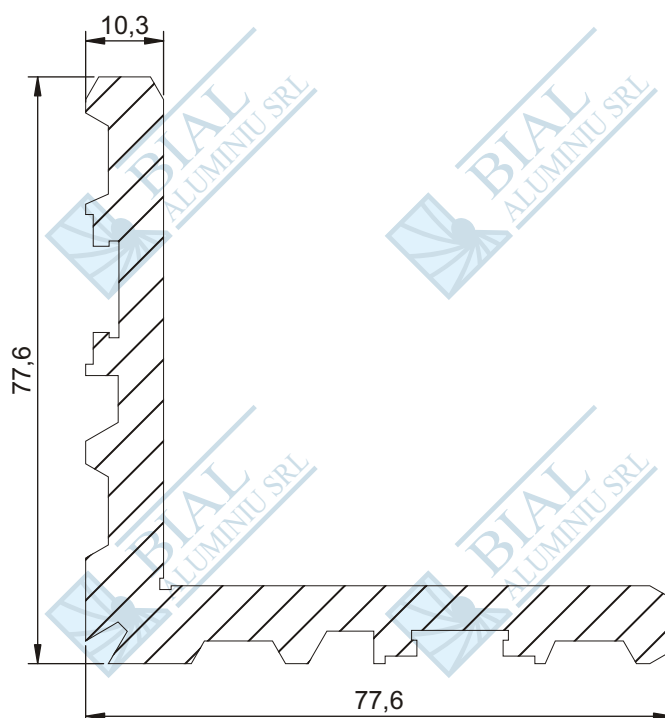
**3115**  
0,279 kg/m

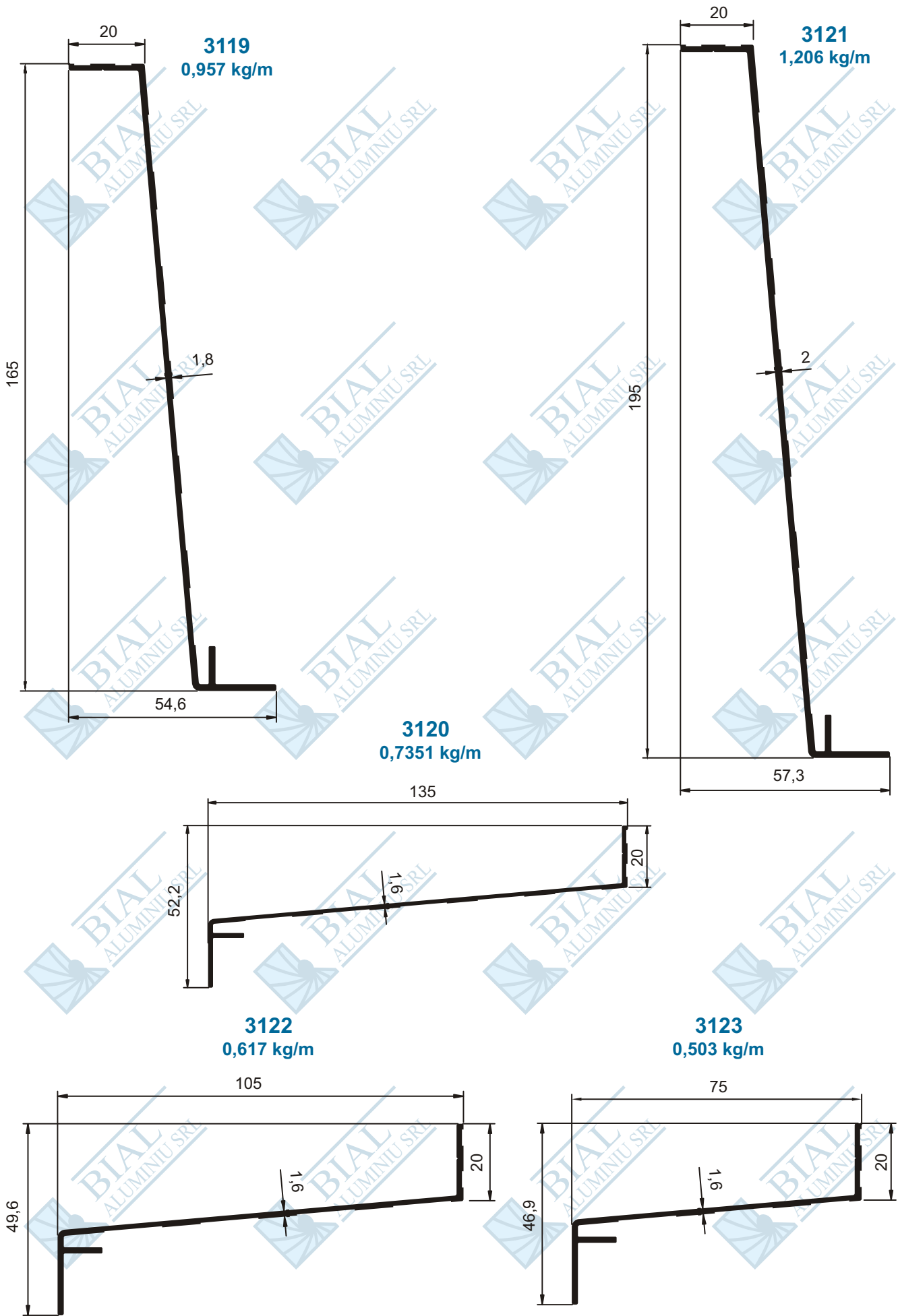


**3116**  
0,213 kg/m



**3818**  
3,061 kg/m

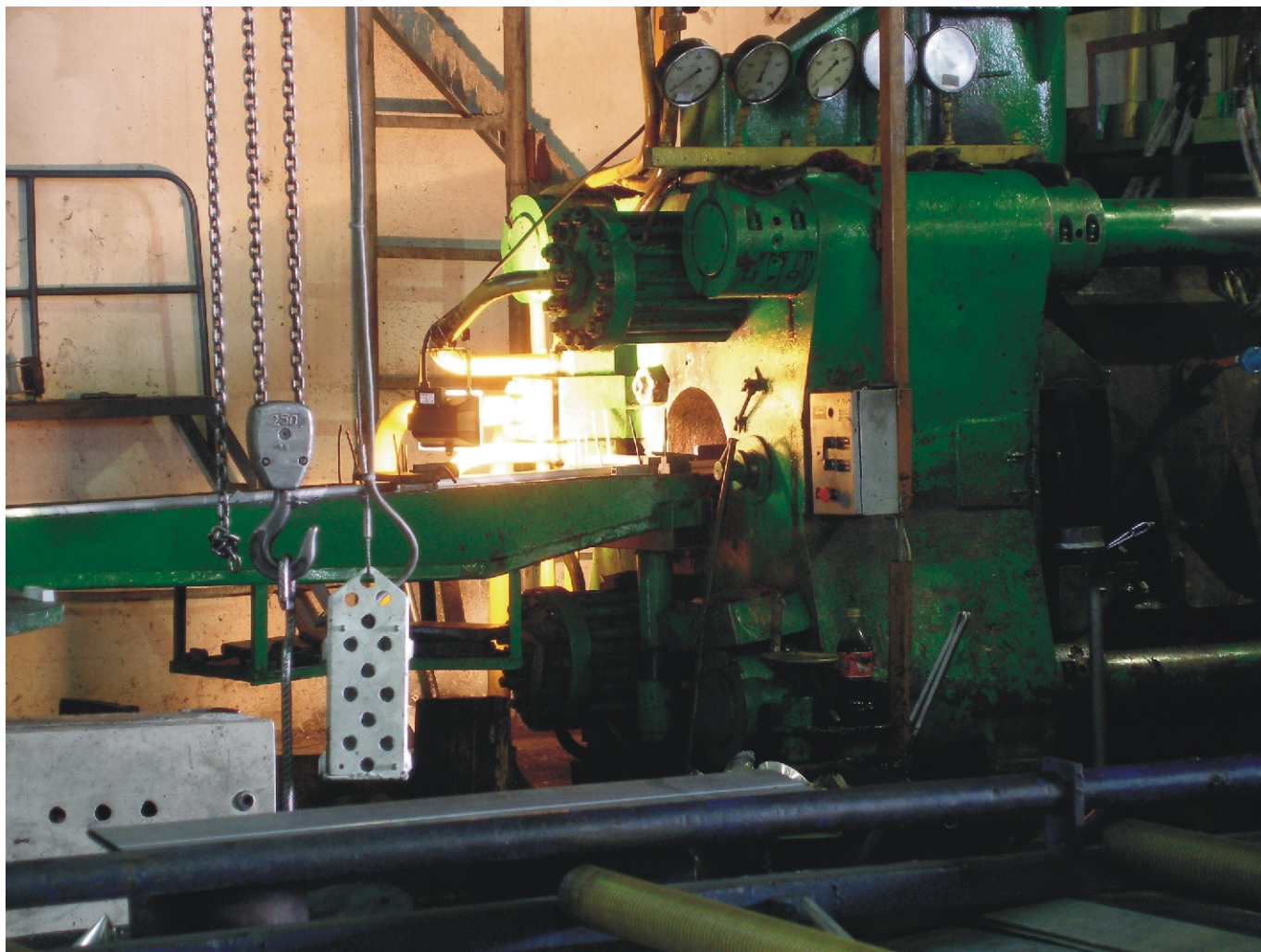






**BIAL**  
ALUMINIU SRL

membru al BIAT GROUP ROMANIA



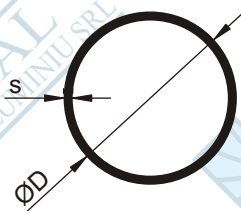




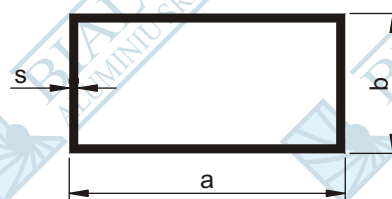


**Tipul profilului**
**Pagina**

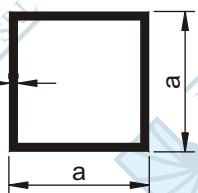
|                                  |       |
|----------------------------------|-------|
| Țevi rotunde                     | P11.2 |
| Țevi rectangulare                | P11.2 |
| Țevi rectangulare racordate      | P11.3 |
| Țevi pătrate                     | P11.3 |
| Țevi pătrate racordate           | P11.3 |
| Profile cornier cu aripi egale   | P11.4 |
| Profile cornier cu aripi inegale | P11.4 |
| Profile teu                      | P11.5 |
| Profile teu racordate            | P11.5 |
| Profile U                        | P11.6 |
| Bare dreptunghiulare             | P11.6 |
| Bare dreptunghiulare racordate   | P11.7 |
| Bare hexagonale                  | P11.7 |
| Bare pătrate                     | P11.7 |
| Bare rotunde                     | P11.7 |



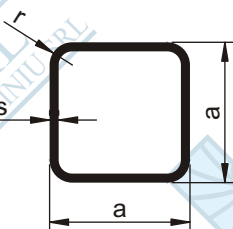
| Cod  | D<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|--------------|
| 0001 | 18      | 1,5     | 0,209        |
| 0002 | 19      | 1       | 0,153        |
| 0003 | 19,8    | 1,9     | 0,305        |
| 0004 | 22      | 1       | 0,178        |
| 0005 | 25      | 6,5     | 1,023        |
| 0006 | 25      | 1,5     | 0,300        |
| 0007 | 25      | 6       | 0,970        |
| 0008 | 27,5    | 2,35    | 1,040        |
| 0009 | 30      | 3       | 1,455        |
| 0010 | 30      | 4,9     | 1,063        |
| 0011 | 30      | 8       | 1,498        |
| 0012 | 32      | 2,5     | 0,640        |
| 0013 | 40      | 3       | 0,965        |
| 0014 | 45      | 3,5     | 2,577        |
| 0015 | 46,2    | 1       | 0,385        |
| 0016 | 49,8    | 1,7     | 0,696        |
| 0017 | 50      | 2       | 0,817        |
| 0018 | 50      | 4       | 1,566        |
| 0019 | 60      | 1,8     | 0,895        |
| 0020 | 60      | 1,7     | 0,696        |
| 0021 | 120     | 4       | 3,958        |
| 2033 | 70      | 1,5     | 0,872        |
| 2053 | 50      | 1,7     | 0,697        |



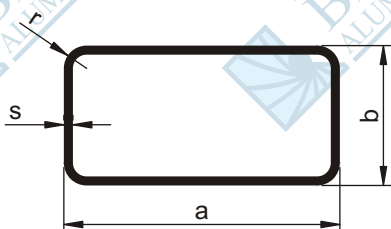
| Cod  | a<br>mm | b<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 0026 | 25      | 17      | 1       | 0,216        |
| 0027 | 25      | 17      | 1,2     | 0,256        |
| 0028 | 40      | 20      | 1,5     | 0,463        |
| 0029 | 45      | 35      | 2       | 0,825        |
| 0030 | 50      | 25      | 1,5     | 0,585        |
| 0031 | 50      | 40      | 1       | 0,476        |
| 0032 | 60      | 40      | 2       | 1,040        |
| 0033 | 60      | 40      | 1,2     | 0,634        |
| 0034 | 60      | 45      | 2       | 1,095        |
| 0035 | 75      | 32      | 1,2     | 0,569        |
| 0036 | 80      | 40      | 1,5     | 0,926        |
| 0037 | 90      | 53      | 2       | 1,507        |
| 0038 | 95      | 50      | 1,2     | 1,150        |
| 0039 | 100     | 25      | 2       | 1,311        |
| 0040 | 100     | 50      | 4       | 3,078        |
| 0041 | 120     | 40      | 2       | 1,691        |
| 0042 | 120     | 60      | 1,9     | 1,815        |
| 0043 | 150     | 50      | 2       | 2,124        |
| 3014 | 67,5    | 27,5    | 1,2     | 0,608        |
| 3015 | 50      | 40      | 1,2     | 0,536        |
| 3017 | 40      | 20      | 1,2     | 0,374        |



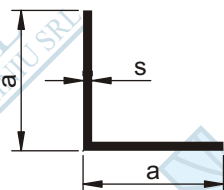
| Cod  | a<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|--------------|
| 0051 | 30      | 1,2     | 0,375        |
| 0052 | 30      | 1,5     | 0,463        |
| 0053 | 40      | 1       | 0,422        |
| 0054 | 50      | 1,5     | 0,789        |
| 3019 | 40      | 1,2     | 0,503        |



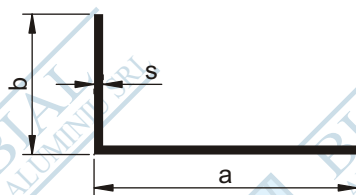
| Cod  | a<br>mm | r<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 0060 | 30      | 4       | 2       | 0,580        |
| 0061 | 30      | 4       | 3       | 0,850        |



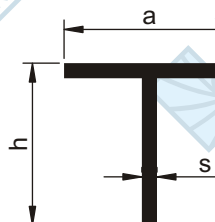
| Cod  | a<br>mm | b<br>mm | r<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|---------|--------------|
| 0065 | 29      | 18,5    | 3,5     | 1       | 0,232        |
| 0065 | 50      | 40      | 1,5     | 1,2     | 0,536        |



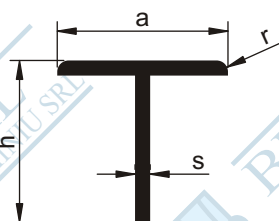
| Cod  | a<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|--------------|
| 0071 | 30      | 4       | 0,603        |
| 0072 | 40      | 4       | 0,821        |
| 1202 | 20      | 1,2     | 0,126        |
| 1206 | 15      | 1,2     | 0,094        |
| 1207 | 25      | 1,2     | 0,158        |
| 1208 | 30      | 1,2     | 0,191        |
| 1211 | 40      | 1,2     | 0,255        |



| Cod  | a<br>mm | b<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 0076 | 30      | 15      | 1,2     | 0,142        |
| 0077 | 60      | 20      | 1,2     | 0,255        |
| 1209 | 40      | 20      | 1,2     | 0,191        |

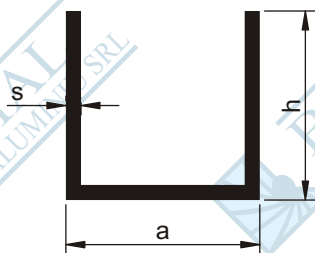


| Cod  | a<br>mm | h<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 1300 | 15      | 15      | 1,2     | 0,094        |
| 1301 | 20      | 20      | 1,2     | 0,126        |
| 1302 | 25      | 25      | 1,2     | 0,158        |
| 1303 | 30      | 30      | 1,2     | 0,191        |

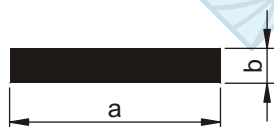


| Cod  | a<br>mm | h<br>mm | r<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|---------|--------------|
| 0081 | 20      | 31,1    | 1       | 1,2     | 0,174        |

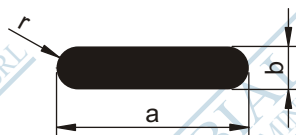




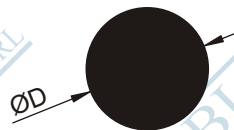
| Cod  | a<br>mm | h<br>mm | s<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 0085 | 17      | 17      | 1       | 0,132        |
| 0086 | 18      | 16,5    | 1,5     | 0,195        |
| 0087 | 19      | 20      | 1       | 0,154        |
| 0088 | 19      | 20      | 1,2     | 0,183        |
| 0089 | 21      | 25      | 1       | 0,186        |
| 0090 | 21      | 25      | 1,2     | 0,222        |
| 0091 | 21      | 30      | 1,2     | 0,255        |



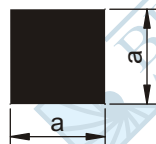
| Cod  | a<br>mm | b<br>mm | Masa<br>kg/m |
|------|---------|---------|--------------|
| 0096 | 16      | 3       | 0,130        |
| 0097 | 22      | 10      | 0,598        |
| 0098 | 30      | 7       | 0,569        |
| 0099 | 40      | 2       | 0,216        |
| 0100 | 40      | 5       | 0,540        |
| 0101 | 40      | 30      | 3,252        |
| 0102 | 70      | 10      | 1,897        |
| 0103 | 80      | 2       | 0,433        |
| 0104 | 180     | 15      | 7,317        |



| Cod  | a<br>mm | b<br>mm | r<br>mm | Masa<br>kg/m |
|------|---------|---------|---------|--------------|
| 0111 | 20      | 6       | 3       | 0,310        |
| 0112 | 24,9    | 5,9     | 2,95    | 0,377        |
| 0113 | 49,9    | 5,9     | 2,95    | 0,777        |
| 0114 | 62,5    | 6       | 3       | 0,990        |
| 0115 | 74,9    | 6,9     | 3,45    | 1,372        |
| 0116 | 74,9    | 5,9     | 2,95    | 1,177        |
| 0117 | 74,9    | 3,49    | 1,745   | 0,701        |
| 0118 | 99,9    | 6,9     | 3,45    | 1,840        |
| 0119 | 99,9    | 3,49    | 1,745   | 0,937        |
| 0120 | 119,9   | 3,49    | 1,745   | 1,126        |
| 0121 | 129,9   | 6,9     | 3,45    | 2,401        |



| Cod  | D<br>mm | Masa<br>kg/m |
|------|---------|--------------|
| 0136 | 8       | 0,137        |
| 0137 | 12,6    | 0,340        |
| 0138 | 16      | 0,555        |
| 0139 | 25      | 1,333        |
| 0140 | 30      | 1,915        |



| Cod  | a<br>mm | Masa<br>kg/m |
|------|---------|--------------|
| 0130 | 30      | 4,320        |



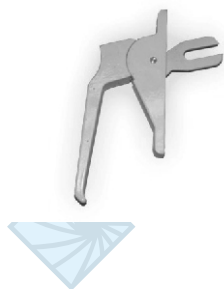
| Cod  | a<br>mm | Masa<br>kg/m |
|------|---------|--------------|
| 0125 | 27      | 1,710        |







**Mâner geam alb**



**Mâner geam alb (Reform)**



**Mâner geam glisare**



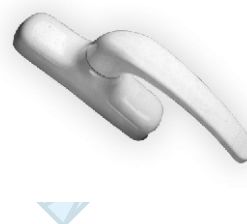
**Mâner glisare piscină**



**Mâner geam rotativ**



**RAS Cremon Lady**



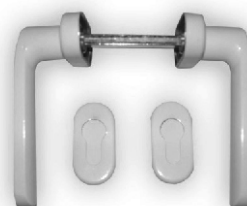
**Mâner Çelik AA**



**Mâner Çelik BI-AK**



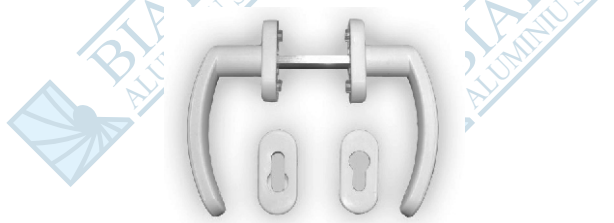
**Mâner ușă tip MEPRO**



**Mâner ușă**



**Mâner ușă Flamingo**



**Mâner ușă nylon cu arc**



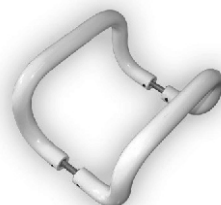
**Mâner nylon + AL**



**Mâner ondulat  
AK115, AK90**



**Mâner ușă ondulat  
AK20, AK22, AK30, AK40**



**RAS Mâner Pomolo**



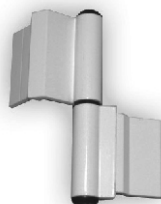
## Accesorii

Accesorii pentru tâmplărie aluminiu - geamuri și uși

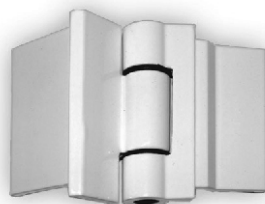
Balamale pt rapid



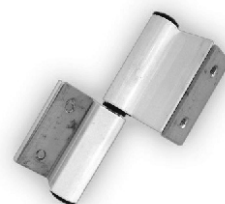
Balamale normale



Balamale 2xe (Aldox)



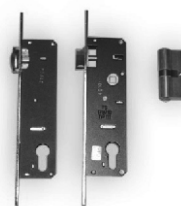
Balamale Italia



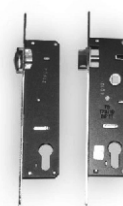
Balamale triple



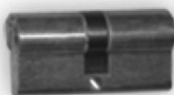
Broască cu butuc



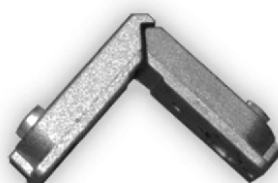
Broască fără butuc



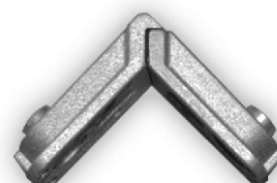
Butuc



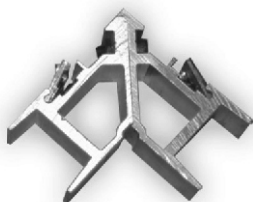
Colțar pt 26 mm



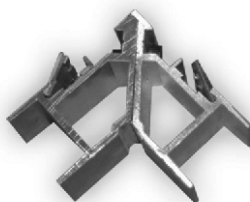
Colțar pt 19 mm



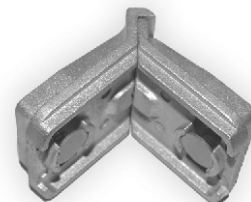
Colțar pt arc mic



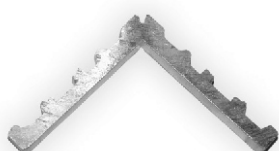
Colțar pt arc mare



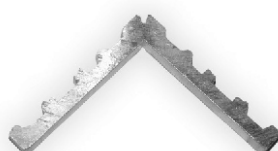
Colțar zamak



Colțar presă mic



Colțar presă mare

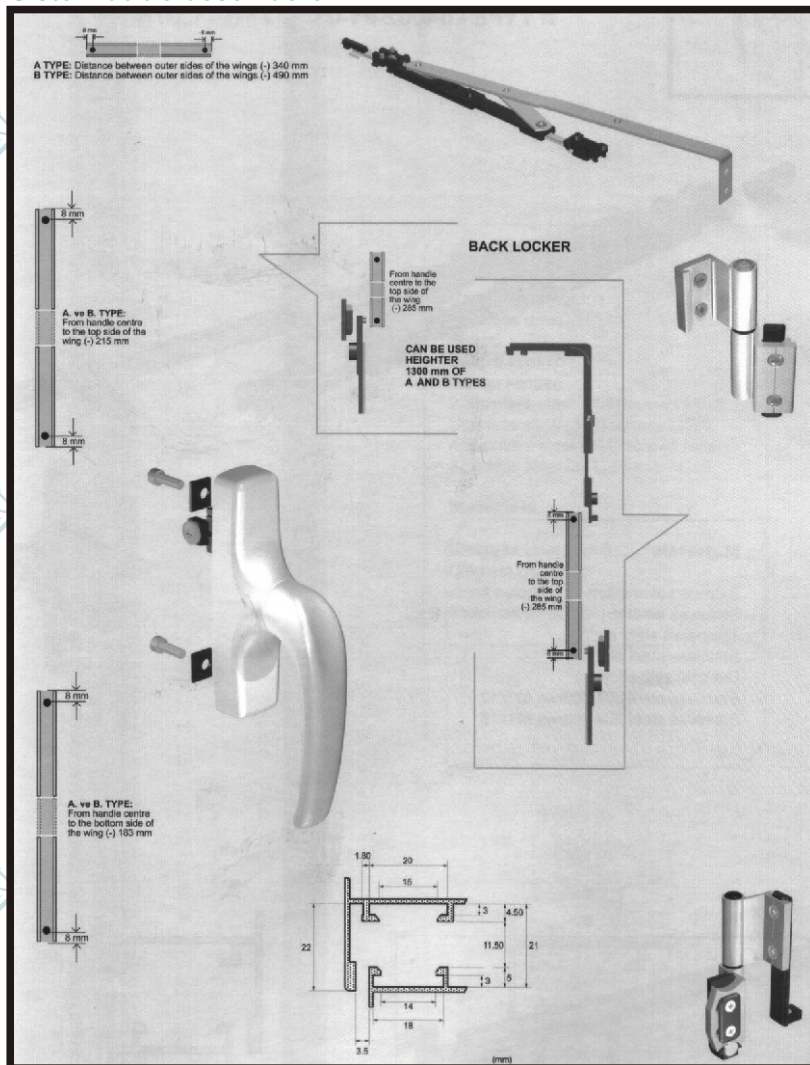


Colțar pt bagheta





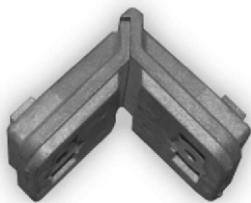
## Sistem dublă deschidere



## Accesorii

Accesorii pentru tâmplărie aluminiu glisantă

Colțar pt 24 mm



Broască glisare  
cu/fără butuc



Rulment simplu



Rulment dublu



Rulment glisare auriu



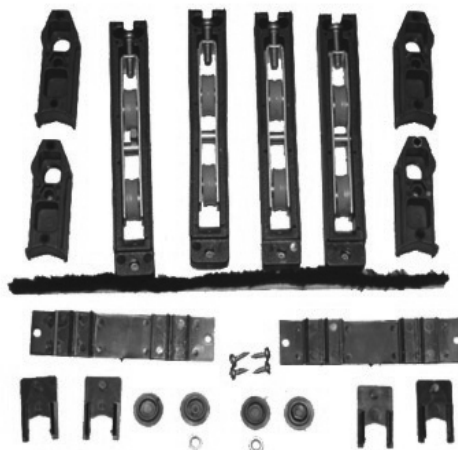
Rulment glisare auriu  
dublu



Rulment glisare plastic



Set glisare



Fitil perie glisare



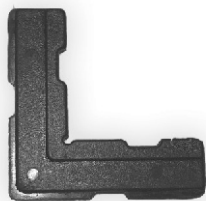
Rulment glisant opritor



Capac MS 07 glisare



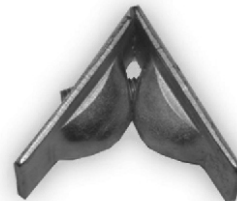
**Colțar aliniere plastic**



**Colțar aliniere metal**



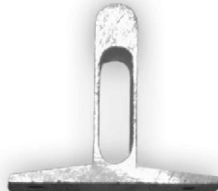
**Colțar scoică**



**Îmbinare seria rotund L**



**Îmbinare forma T**



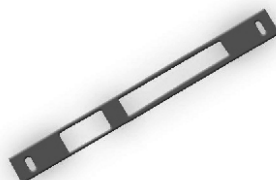
**CP îmbinare mic**



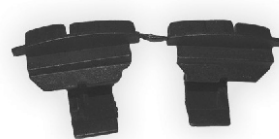
**CP îmbinare mare**



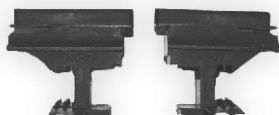
**CP broască seria rotund**



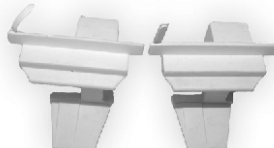
**Capac MO 23 plastic**



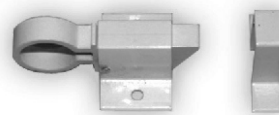
**Capac MO 37 plastic**



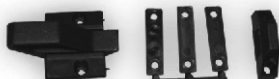
**Capac MO 97 plastic**



**Snapar alb**



**Snapar plastic**



**Snapar seria rotund**



**Amortizor ușă KALE**



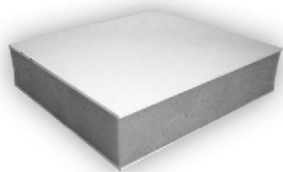




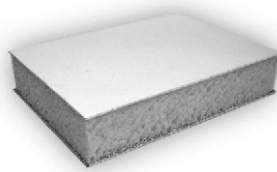




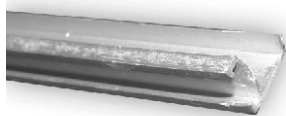
Panel PVC 800x2100,  
1200x3000, 1500x3000



Panel PVC 800x2100,  
1200x3000, 1500x3000



Ramă tablou mare



Agățătoare pentru rame



Colțar pentru rame



Șurub pentru rame



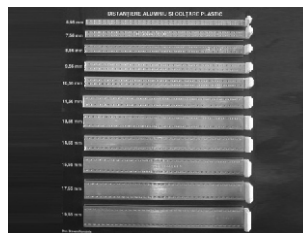
Bandă butilică



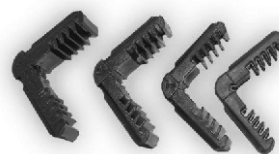
Adeziv Super Glue



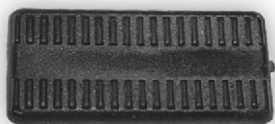
Baghetă  
mm: 9, 12, 14.5, 15.5



Colțar  
mm: 9, 12, 14.5, 15.5



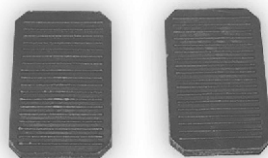
CP plastic  
geam termopan



CP plastic  
geam normal



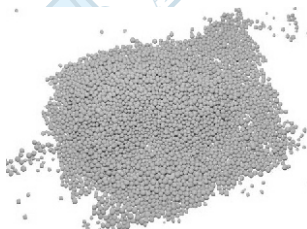
Distanțier geam



Mastic termopan



Silicagel



Curățător spumă



Silicon (alb, maro,  
negru, transparent)



Spumă pentru pistol



Spumă 750 ml manual



Spray alb



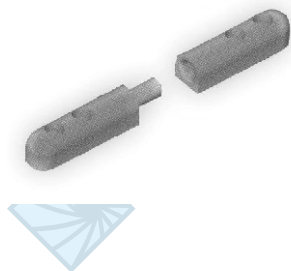
Pistol pentru silicon



Pistol pentru spumă



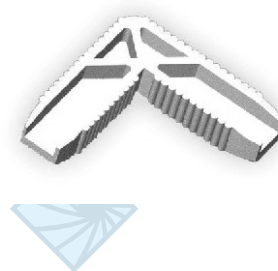
**Balamale mici**



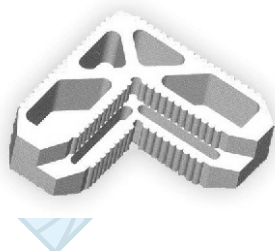
**Balamale mari**



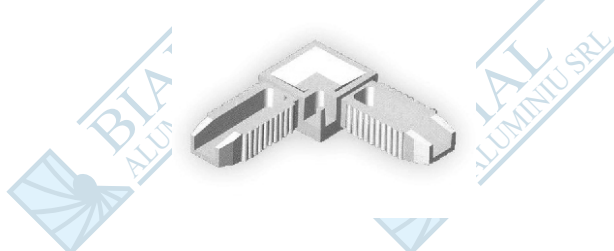
**Colțar 45° mic**



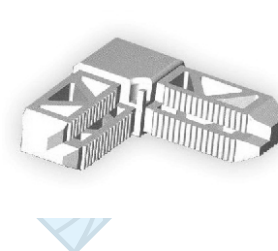
**Colțar 45° mare**



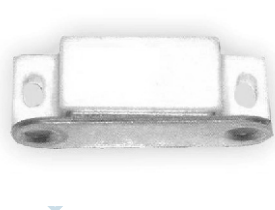
**Colțar 90° mic**



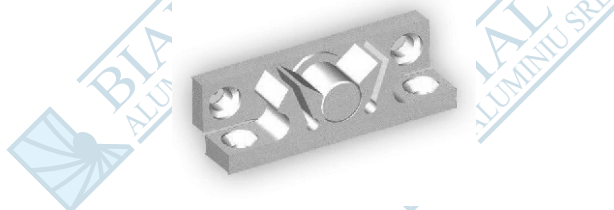
**Colțar 90° mare**



**Opritor magnetic**



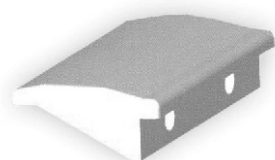
**Opritor plastic**



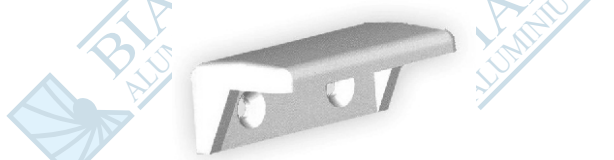
**Opritor zamac**



**Mâner mic**



**Mâner mare**



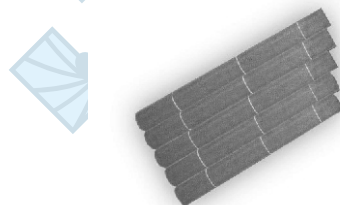
**Mâner inel**



**Suport pentru mâner plastic**



**Plasă de țânțari**



**Cheie colțar 4 mm**



**Cheie colțar 5 mm**



**Cheie colțar 5 mm lux**



**Ciocan lemn**



**Ciocan fier  
300 gr / 500 gr**



**Ciocan plastic  
mare / mic**



**Nivelă  
30, 50, 90, 100 cm**



**Aparat pentru garnitură**



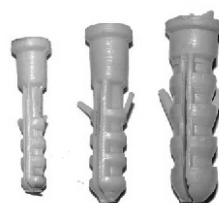
**Ruletă 10 m Fisco**



**Ruletă 3m/5m Fisco**



**Dibluri 6x60**



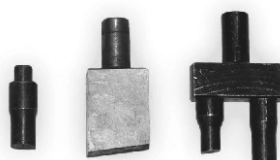
**Nituitor**



**Disc Freud**



**Cuțite pentru mașinile  
P100, P101, P102**



**Bormașină cu baterie**



**Bormașină cu cablu**

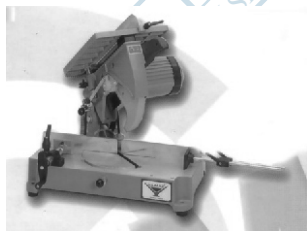


## ALUMINIU

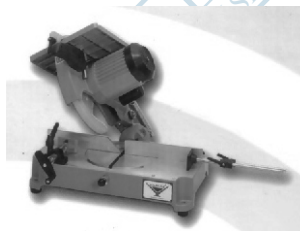
**Mașină de freză FR 222**



**Mașină de tăiat KD 300**



**Mașină de tăiat KY 300**



**Mașină de tăiat KM 212  
3 cut**



**Mașină de găurit  
P100, P101, P102**



**Menghină pentru  
tâmplărie 200x50**



**Suport gradat KN 200**



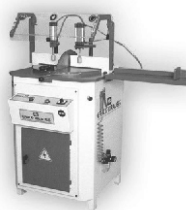
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## PVC

**Mașină de lipit  
A200**



**Mașină de tăiat  
A110**



**Mașină de debavurat  
A410**





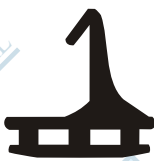
C 01



C 02



C 03



C 04



T 02



T 03



T 04



T 08



T 14



T 14-4



T 10



T 20



C 03



C 04



C 05



DC 01



DC 02



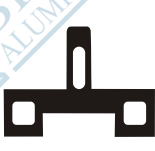
DC 03



DC 04



DC 05



P 01



P 02



P 03



P 04



P 05





**BIAL**  
ALUMINIU SRL

membru al BIAT GROUP ROMANIA





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0788 676 343

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