



*Değerleri artıran her **Yapıda** biz varız.*

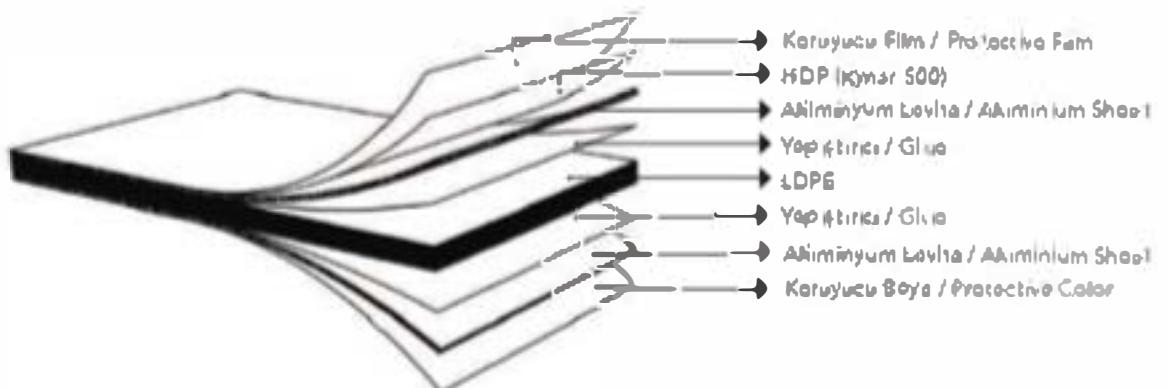




RENKLER / COLORS

Alüminyum Üst Levha Kalınlığı / Aluminium Top Sheet Thickness: 0,23mm
Alüminyum Alt Levha Kalınlığı / Aluminium Bottom Sheet Thickness: 0,23mm
HDP (Yüksek Dayanıklı Polyester) Boyalı / HDP (High Durable Polyester) Coating

Kompozit Panel Katmanları / Composite Panel Layers



Teknik Bilgiler / Technical Specifications

Standart 4mm kalınlığındaki Singbond kompozit panel için / For standard 4mm thick Singbond composite panel:

Levha Alasım - Kondisyon / Sheet Alloy - Condition : EN AW-3105 / H46

Alüminyum Levha Kalınlık / Aluminium Sheet Thickness : Üst Levha / Top Sheet: 0,23mm ($\pm 0,02$ mm)

Alt Levha / Bottom Sheet: 0,23mm ($\pm 0,02$ mm)

Kompozit Panel Toplam Kalınlık / : 4mm ($\pm 0,2$ mm)

Composite Panel Total Thickness

Dolgu / Filling : Düşük Yoğunluklu Polietilen (LDPE) - Kalınlık: 3,54mm

Low Density Polyethylene (LDPE) / Thickness: 3,54mm

Üst Levha Kaplama / Top Sheet Coating

: HDP (Yüksek Dayanıklı Polyester Boya (20+5 mikron))

High Durable Polyester Coating (20+5 micron)

Alt Levha / Bottom Sheet

: Polyester Bazlı Koruyucu Boya / Polyester Based Protective Paint

Cephe gidyirmi uygulamalarında kullanımı tavsiye edilmez.
Not recommended in facade applications.

DÜZ RENKLER / SOLID COLORS



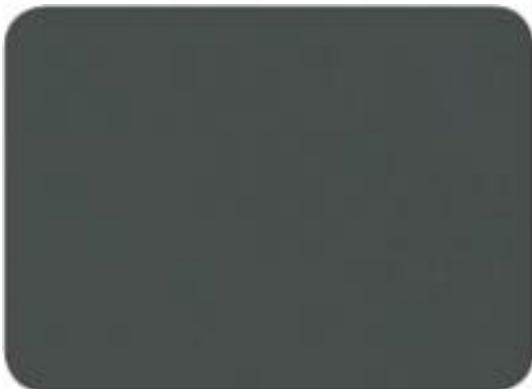
SB 002
Beyaz - White



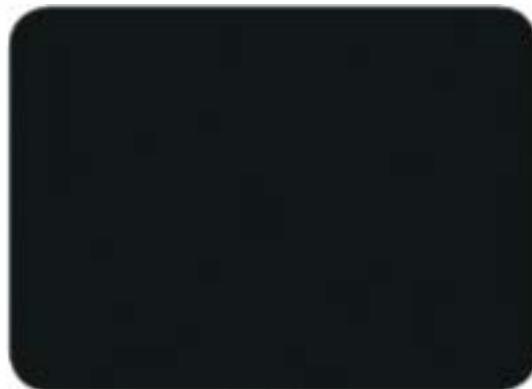
SB 003
Krem - Cream



SB 006
Mavi - Blue



SB 013
Koyu Gri - Dark Grey



SB 004
Siyah - Black



SB 010
Bordo - Red Brown



SB 005
Kırmızı - Traffic Red



SB 009
Turuncu - Orange

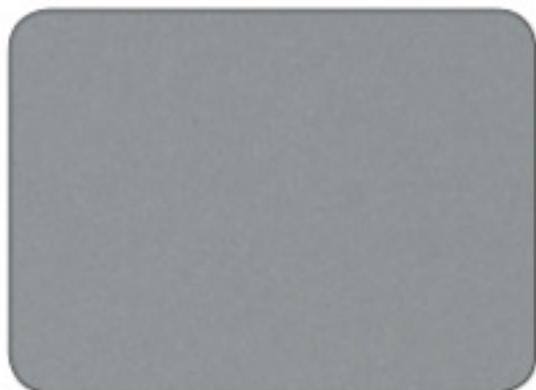


SB 011
Sarı - Yellow



SB 012
Yosun Yeşili - Moss Green

METALİK RENKLER / METALLIC COLORS



SB 001
Gümüş - Silver

AHŞAP RENKLER / WOOD COLORS



SB 022
Doğal Meşe - Natural Line Wood



SB 021
Açık Kiraz - Light Cherry



SB 018
Kara Ağaç - Golden Oak Line Wood

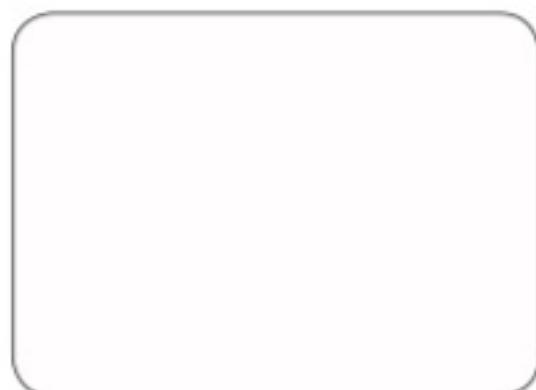
DİĞER RENKLER / OTHER COLORS



SB 019
Satine Altın - Brush Gold



SB 020
Satine Naturel - Brush Natural



SB 007
Ayna Naturel - Mirror Effect Natural *



SB 008
Ayna Altın - Mirror Effect Gold *

*Ayna efektli ürünler sadece iç uygulamalar için tavsiye edilir.

*Mirror effect products are advised for interior applications only.

RENKLER / COLORS



Yanmazlık Sınıfı / Non-flammability Class

Ürün Adı Product Name	Dolgu Malzemesi Filling Material	DIN 4102 Yangın Tepki Sınıfı Flammability Class	TS EN 13501-1 Yangın Tepki Sınıfı Flammability Class
Signbond	LDPE	B2	D-s1,d0

Ürün Çeşitleri / Types of Products

Kompozit Panel Kalınlığı / Composite Panel Thickness	: 3mm - 6mm (EN 485-4)
Kompozit Panel Genişliği / Composite Panel Width	: 1250mm, 1500mm
Maksimum Üretim Uzunluğu / Maximum Production Length	: 6000mm
Standart Üretim Ölçüleri / Standard Production Measurements	: 1250mm x 3200mm : 1500mm x 3200mm

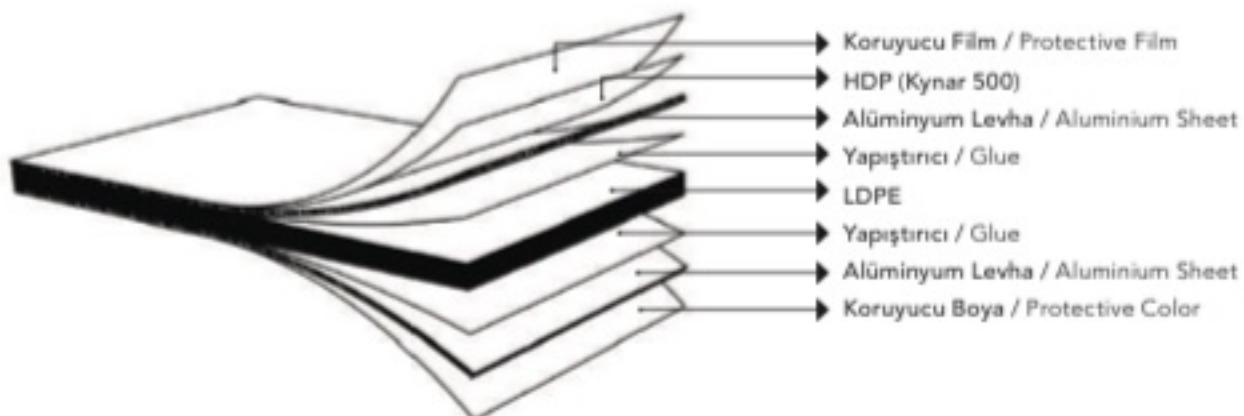
Üretim Toleransları / Tolerances on Production

Kompozit Panel Kalınlığı / Composite Panel Thickness	: ±0,2mm
Kompozit Panel Genişliği / Composite Panel Width	: -0mm / +2,0mm
Kompozit Panel Uzunluğu / Composite Panel Length	: -0mm / +4,0mm
Diyagonal Fark / Diagonal Difference	: max. 5,0mm
Doğrusallık (Genişlik ve Uzunluk) / Linearity (Width and Length)	: ±0,3mm
Eğiklik / Inclination	: max 7mm (Panel uzunluğu / Panel length < 1500mm) max 10mm (Panel uzunluğu / Panel length: 1500mm - 3000mm)

RENKLER / COLORS

Alüminyum Üst Levha Kalınlığı / Aluminium Top Sheet Thickness: 0,3mm
Alüminyum Alt Levha Kalınlığı / Aluminium Bottom Sheet Thickness: 0,3mm
HDP (Yüksek Dayanıklı Polyester) Boyalı / HDP (High Durable Polyester) Coating

Kompozit Panel Katmanları / Composite Panel Layers



Teknik Bilgiler / Technical Specifications

Standart 4mm kalınlığındaki Alfabond kompozit panel için / For standard 4mm thick Alfabond composite panel:

Levha Alaşım - Kondisyon / Sheet Alloy - Condition : EN AW-3105 / H46

Alüminyum Levha Kalınlık / Aluminium Sheet Thickness : Üst Levha / Top Sheet: 0,30mm ($\pm 0,02\text{mm}$)

Alt Levha / Bottom Sheet: 0,30mm ($\pm 0,02\text{mm}$)

Kompozit Panel Toplam Kalınlık / : 4mm ($\pm 0,2\text{mm}$)

Composite Panel Total Thickness

Dolgu / Filling : Yangın Tepki Sınıfına Göre Değişken - Kalınlık: 3,4mm
Depending On The Flammability Class - Thickness: 3,4mm

Üst Levha Kaplama / Top Sheet Coating : Kynar 500 Bazlı HDP Boya (20+5 mikron)
Kynar 500 Based HDP Paint (20+5 micron)

Alt Levha / Bottom Sheet : Polyester Bazlı Koruyucu Boya / Polyester Based Protective Paint

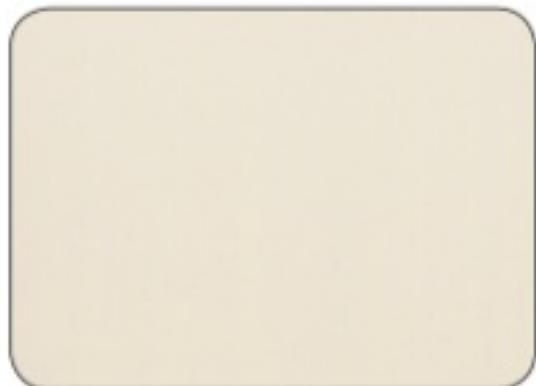
Cephe uygulamaları için ürünün yüzey özellikleri ve statik değerleri dikkate alınarak, özel konstrüksiyon ve hesaplamalar sonrasında teknik onay alınarak kullanılması tavsiye edilir.

For facade systems, it is advised to consider the surface features and static values of the product and to obtain technical approval after custom construction and calculations.

DÜZ RENKLER / SOLID COLORS



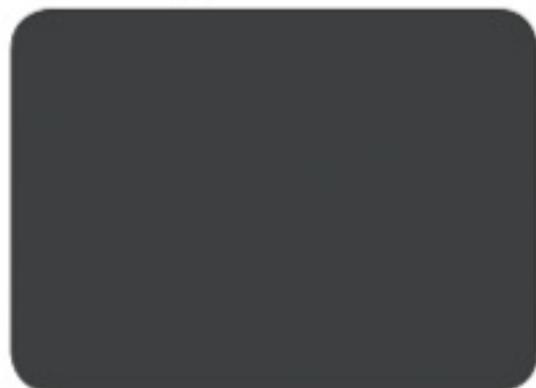
ALFA 004
Beyaz - Pure White



ALFA 003
Krem - Cream White



ALFA 007
Mavi - Ultramarine Blue



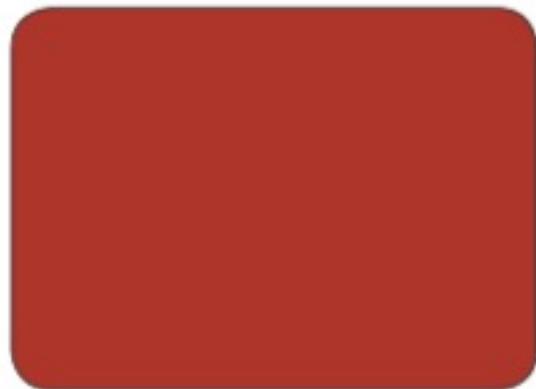
ALFA 023
Grafit Gri - Graphite Grey



ALFA 005
Siyah - Graphite Black



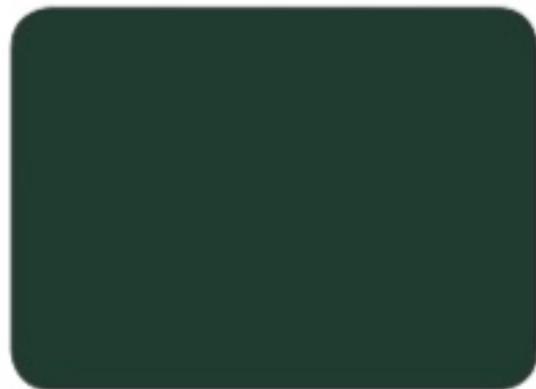
ALFA 008
Bordo - Red Brown



ALFA 006
Kırmızı - Traffic Red



ALFA 009
Turuncu - Orange

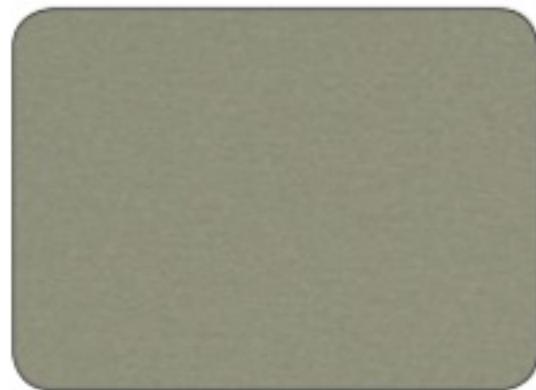


ALFA 014
Yosun Yeşili - Moss Green

METALİK RENKLER / METALLIC COLORS



ALFA 001
Gümüş - Silver



ALFA 002
Liz Bronz - Lys Bronze



ALFA-010
Metalik Koyu Gri - Metallic Dark Grey

AHŞAP RENKLER / WOOD COLORS



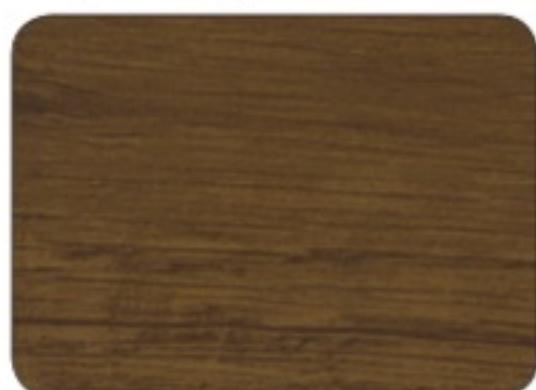
ALFA 024
Koyu Altın Meşe - Kiefer Line Wood



ALFA 016
Kalın Altın Meşe - Golden Oak Line Wood



ALFA 026
Tik - Teak



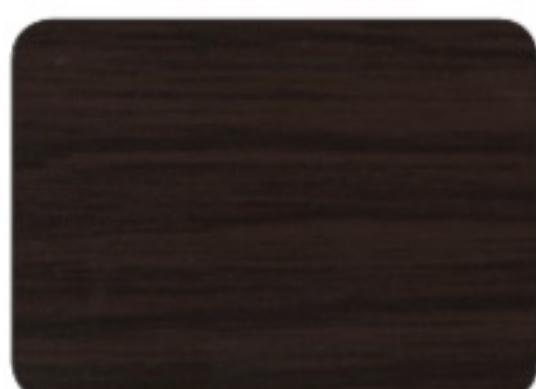
ALFA 025
Afrika Tiki - African Teak



ALFA 015
İnce Altın Meşe - Golden Oak Fine Wood



ALFA 018
İnce Ceviz - Nussbaum Fine Wood



ALFA 019
Kalin Maun - Mahogany

RENKLER / COLORS

RENKLER
COLORS

Yanmazlık Sınıfı / Non-flammability Class

Ürün Adı Product Name	Dolgu Malzemesi Filling Material	DIN 4102 Yangın Tepki Sınıfı Flammability Class	TS EN 13501-1 Yangın Tepki Sınıfı Flammability Class
Alfabond	LDPE	B2	D-s1,d0

Ürün Çeşitleri / Types of Products

Kompozit Panel Kalınlığı / Composite Panel Thickness	: 3mm - 6mm (EN 485-4)
Kompozit Panel Genişliği / Composite Panel Width	: 1250mm, 1500mm
Maksimum Üretim Uzunluğu / Maximum Production Length	: 6000mm
Standart Üretim Ölçüleri / Standard Production Measurements	: 1250mm x 3200mm : 1500mm x 3200mm

Üretim Toleransları / Tolerances on Production

Kompozit Panel Kalınlığı / Composite Panel Thickness	: ±0,2mm
Kompozit Panel Genişliği / Composite Panel Width	: -0mm / +2,0mm
Kompozit Panel Uzunluğu / Composite Panel Length	: -0mm / +4,0mm
Diyagonal Fark / Diagonal Difference	: max. 5,0mm
Doğrusallık (Genişlik ve Uzunluk) / Linearity (Width and Length)	: ±0,3mm
Eğiklik / Inclination	: max 7mm (Panel uzunluğu / Panel length < 1500mm) max 10mm (Panel uzunluğu / Panel length: 1500mm - 3000mm)



NATURALBOND

FR
B2

40+40 | PVDF

Alüminyum Üst Levha Kalınlığı / Aluminium Top Sheet Thickness: 0,4mm

Alüminyum Alt Levha Kalınlığı / Aluminium Bottom Sheet Thickness: 0,4mm

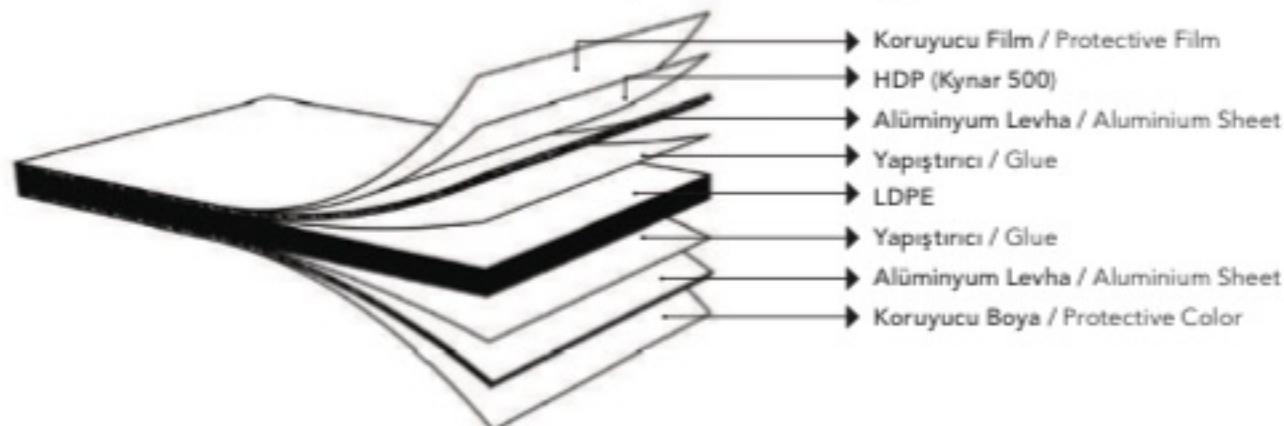
PVDF Boyalı / PVDF Painted

20 yıl Garanti* / 20 Years of Warranty*

(*) Asaş tarafından önerilen alüminyum alt konstrüksiyon ve montaj detaylarının kullanılması koşulu ile Naturalbond kompozit panelleri 20 yıl garantisidir.

(*) Naturalbond composite panels have 20 years of warranty as long as the aluminium bottom construction and the assembling directions are practised as advised by ASAŞ.

Kompozit Panel Katmanları / Composite Panel Layers



Teknik Bilgiler / Technical Specifications

Standart 4mm kalınlığındaki Naturalbond 40+40 kompozit panel için /

For standard 4mm thick Naturalbond 40+40 composite panel:

Levha Alaşım - Kondisyon / Sheet Alloy - Condition : EN AW-3105 / H46

Alüminyum Levha Kalınlık / Aluminium Sheet Thickness : Üst Levha / Top Sheet: 0,40mm ($\pm 0,02\text{mm}$)

Alt Levha / Bottom Sheet: 0,40mm ($\pm 0,02\text{mm}$)

Kompozit Panel Toplam Kalınlık / : 4mm ($\pm 0,2\text{mm}$)

Composite Panel Total Thickness

Dolgu / Filling : Yangın Tepki Sınıfına Göre Değişken - Kalınlık: 3,2mm
Depending On The Flammability Class - Thickness: 3,2mm

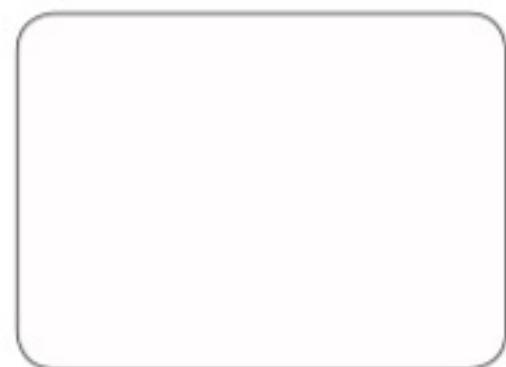
Üst Levha Kaplama / Top Sheet Coating : Kynar 500 Bazlı PVDF Boya (20+5 mikron)
Kynar 500 Based PVDF Paint (20+5 micron)

Alt Levha / Bottom Sheet : Polyester Bazlı Koruyucu Boya / Polyester Based Protective Paint

Yanmazlık Sınıfı / Non-flammability Class

Ürün Adı Product Name	Dolgu Malzemesi Filling Material	DIN 4102 Yangın Tepki Sınıfı Flammability Class	TS EN 13501-1 Yangın Tepki Sınıfı Flammability Class
Naturalbond 40+40	LDPE	B2	D-s1,d0
Naturalbond 40+40	LDPE+AL(OH)	B1 (FR)	B-s1,d1

DÜZ RENKLER / SOLID COLORS



NB 901
Beyaz - Pure White



NB 912
Krem - Cream White



NB 104
İnci Beyaz - Pearl White



NB 604
Yeşil Gri - Grey Green



NB 101
Fildişi Bej - Ivory Sand



NB 107
Gri Bej - Grey Beige



NB 381
Açık Kahverengi - Pale Brown



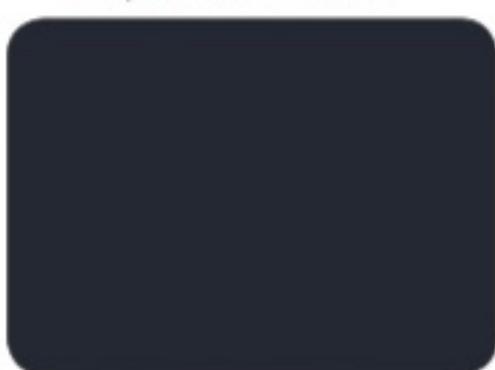
NB 382
Çiftlik Kahve - Soil Brown



NB 505
Lacivert - Gentian Blue



NB 503
Deniz Mavisi - Ultramarine Blue



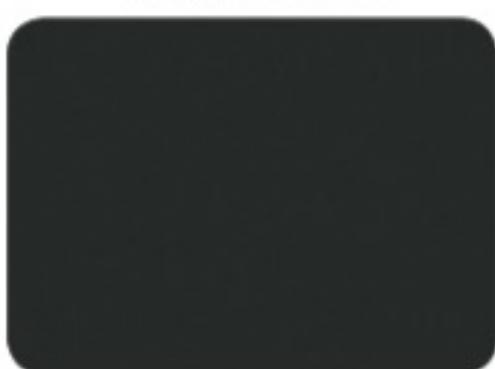
NB 504
Çelik Mavi - Steel Blue



NB 701
Platin Gri - Platinum Grey



NB 703
Grafit Gri - Graphite Grey

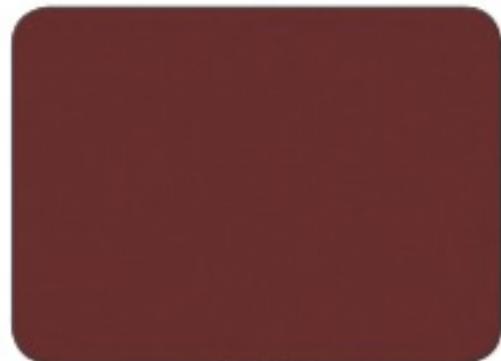


NB 951
Siyah - Graphite Black

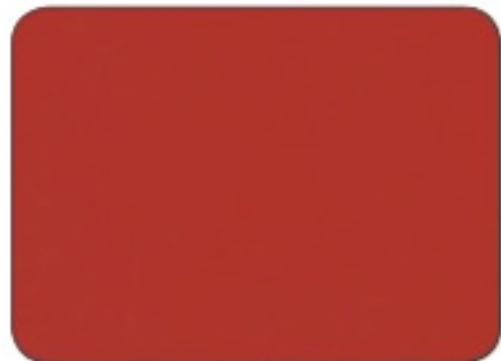


NB 304
Şeker Pembe - Erika Violet

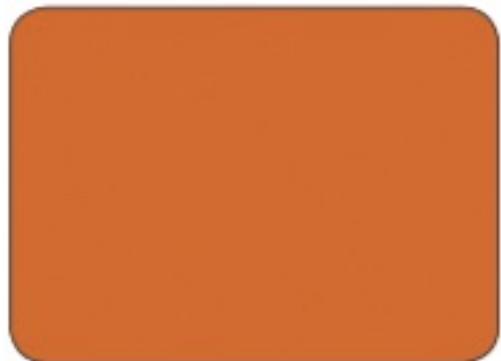
DÜZ RENKLER / SOLID COLORS



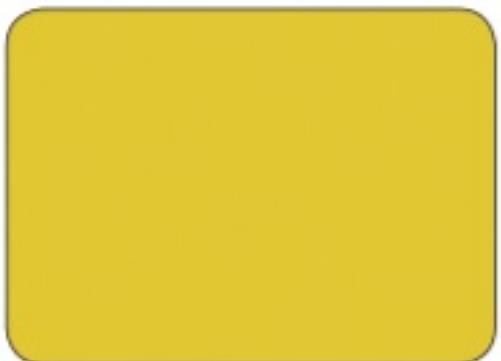
NB 301
Bordo - Red Brown



NB 302
Kırmızı - Traffic Red



NB 202
Turuncu - Orange

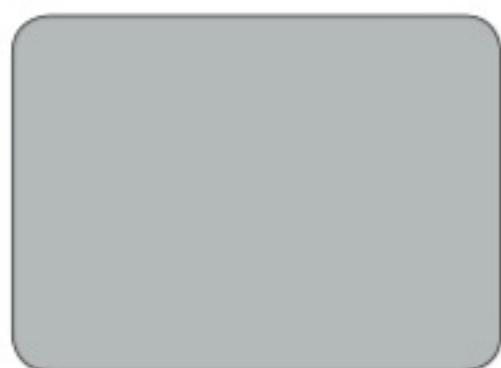


NB 102
Sarı - Rape Yellow



NB 603
Yosun Yeşili - Moss Green

METALİK RENKLER / METALLIC COLORS



NB 090
Metalik Gümüş - Metallic Silver



NB 080
Açık Bronz - Lys Bronze



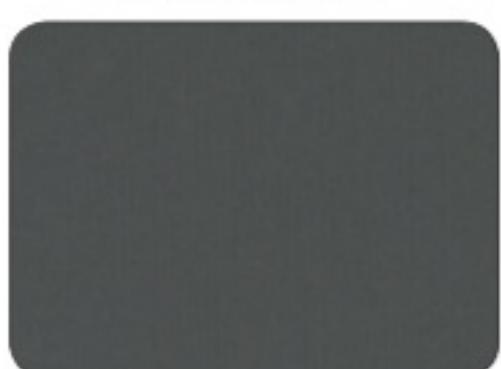
NB 011
Altın Sarısı - Pearl Gold



NB 081
Bakır - Copper



NB 050
Metalik Açık Mavi - Azul Blue



NB 702
Metalik Koyu Gri - Metallic Dark Grey

AHŞAP RENKLER / WOOD COLORS



NB 874

Koyu Altın Meşe - Kiefer Line Wood



NB 857

Kalın Altın Meşe - Golden Oak Line Wood



NB 872

Doğal Meşe - Natural Oak



NB 870

Açık Kiraz - Light Cherry



NB 871

Koyu Kiraz - Dark Cherry



NB 856

İnce Altın Meşe - Golden Oak Fine Wood



NB 876

Tıkk - Teak



NB 875

Afrika Tıkk - African Teak



NB 859

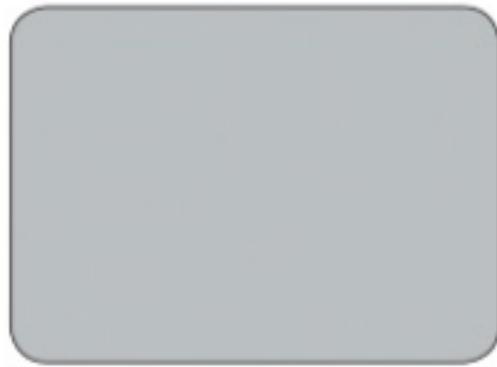
İnce Ceviz - Nussbaum Fine Wood



NB 858

Kalın Maun - Mahogany

DİĞER RENKLER / OTHER COLORS



NB 092
Parlak Metalik Gümüş -
Shiny Metallic Silver



NB 860
Parlak Metalik Gümüş Mavi -
Light Blue Metallic Silver



NB 861
Siyah Metalik - Black Metallic



NB 877
Satine Gümüş - Brush Silver



NB 878
Satine Bakır - Brush Copper

YÜZEY SEÇENEKLERİ / SURFACE OPTIONS



NB 905
Nano Beyaz - Nano White *

*Nano özelliği, sipariş miktarına göre tüm düz renkler için uygulanabilmektedir.

*Nano effect can be applied for all solid colors depending on the amount of the order.

GENEL ÖZELLİKLER / GENERAL FEATURES

İşlemler / Process



Kesme / Cutting

Kesme işlemi testere ya da oyma testere ile yapılmaktadır. Oluç Açma: 90 derecelik bir köşe dönüsü için, 110 derecelik bir kertme bıçağıyla kertilmesi tavsiye edilmektedir. Kerterken dış kısımda 0.2~0.4mm 'lik çekirdek kısmın da kalmasına dikkat edilmelidir.

Cutting can be made through saw or fret saw. Opening grooves: For 90 degrees of corner return, it should be notched by a notching blade of 110 degrees as recommended. While notching, a nucleus part of 0.2 - 0.4mm is required to be left in the outer part.



Delme / Boring

Bu işlem burgulu matkapla yapılır.

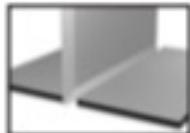
This process is to be made with twisted drill.



Kontur / Contour

Bu işlem oyma testere, kontur testeresi ve freze makinası ile yapılabilir.

This process is to be made by fret saw, contour saw and milling.



Biçme / Hewing

Bu işlem giyotin ile yapılabilir.

This process is to be made with guillotine.



Delme / Boring

Bu işlem delme makinası ile yapılabilir.

This process is to be made by boring machine.



Bükme / Bending

Bu işlem fren basınç aleti ve katlama tabası ile yapılabilir. 3mm ve 4mm için minimum bükülme yarıçapı tekli için 40mm, paralel için 50mm, 6mm için minimum bükülme yarıçapı tekli için 55mm, paralel için 80mm.

This process can be made by brake pressure device and folding table. For 3mm and 4mm, minimum bending radius is 40mm for single, 50mm for parallel; for 6mm, minimum bending radius is 55mm for single, 80mm for parallel.



Yapıştırma / Sticking

Bu işlem metal yapıştırıcı ile yapılabilir.

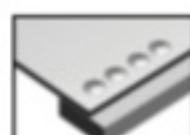
This process can be made by metal sticking.



Perçinleme / Riveting

Bu işlem perçin ile yapılabilir.

This process can be made by rivet.



Vidalama / Screwing

Bu işlem metal vidalarla ile yapılabilir.

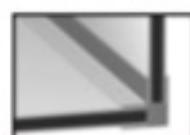
This process can be made by metal screws.



Kaynaklama / Welding

Bu işlem sıcak hava kaynağı ile yapılabilir.

This process can be made by hot air welding.

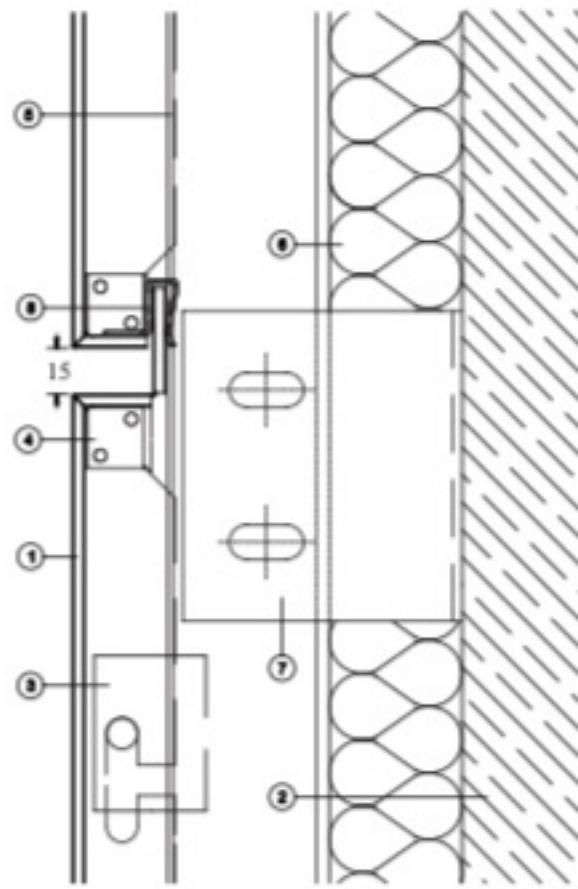


Kenetleme / Coupling

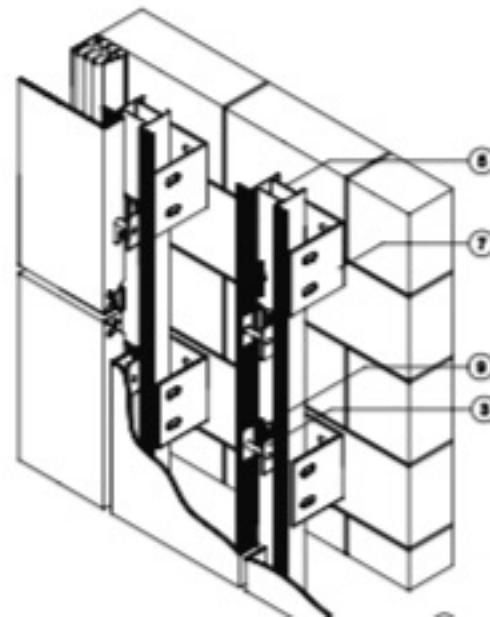
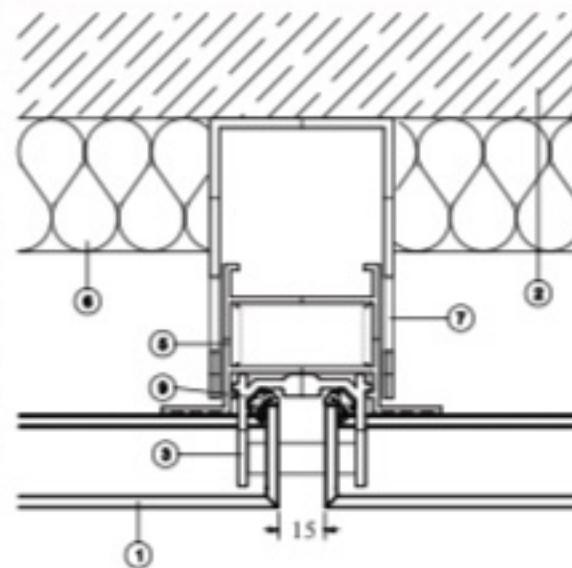
Bu işlem köşe birleştirici profiller ile yapılabilir.

This process can be made with corner assembling profiles.

ÜRÜN DETAYLARI / PRODUCT DETAILS



- ① ALFABOND
- ② BETONARME / CONCRETE
- ③ ANAHTAR GEÇME BAĞLANTISI / COMPOSITE CONNECTING ANCHORAGE (08.01.04)
- ④ 20X20X1.2mm ALÜMİNYUM KÖŞEBENT (163) / 20X20X1.2 MM ALUMINIUM PROFILE
- ⑤ ALÜMİNYUM DÜSEY TAŞIYICI PROFİL (10634) / ALUMINIUM MULLION PROFILE (10634)
- ⑥ TAŞ YÜNÜ / ISOLATION
- ⑦ ALÜMİNYUM ANKRAJ / ALUMINIUM ANCHORAGE (08.01.03)
- ⑧ ALÜMİNYUM BAĞLANTI PROFİLİ / ALUMINIUM CONNECTING PROFILE (6773)
- ⑨ EPDM FITİL / EPDM GASKET (01.07.10.50R)



Ürün Çeşitleri / Types of Products

Kompozit Panel Kalınlığı / Composite Panel Thickness	: 3mm - 6mm (EN 485-4)
Kompozit Panel Genişliği / Composite Panel Width	: 1250mm, 1500mm
Maksimum Üretim Uzunluğu / Maximum Production Length	: 6000mm
Standart Üretim Ölçüleri / Standard Production Measurements	: 1250mm x 3200mm : 1500mm x 3200mm

Üretim toleransları / Tolerances on Production

Kompozit Panel Kalınlığı / Composite Panel Thickness	: ±0,2mm
Kompozit Panel Genişliği / Composite Panel Width	: -0mm / +2,0mm
Kompozit Panel Uzunluğu / Composite Panel Length	: -0mm / +4,0mm
Diyagonal Fark / Diagonal Difference	: max. 3,0mm
Doğrusallık (Genişlik ve Uzunluk) / Linearity (Width and Length)	: ±0,2mm
Eğiklik / Inclination	: max 5mm (Panel uzunluğu / Panel length < 1500mm) max 7mm (Panel uzunluğu / Panel length: 1500mm - 3000mm)

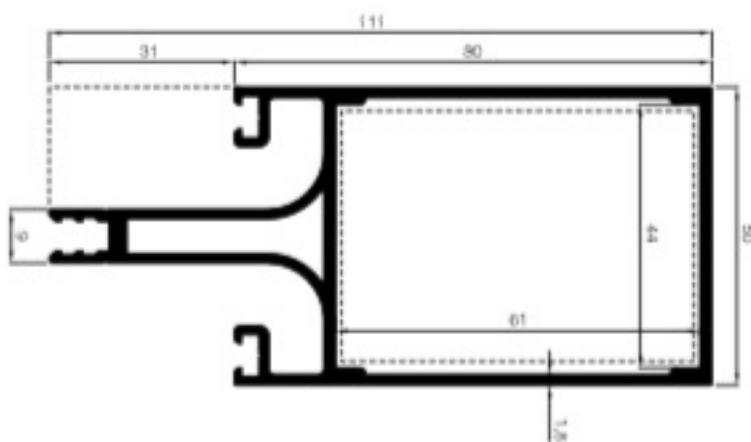
Panel Deformasyon Risk Tablosu / Risk Table for Panel Deformation

Rüzgar Yükü Wind Load (Kpa)	Panel Ebatları / Panel Dimensions (mm)										Deformasyon / Deformation % Risk / % of Risk
	En Width	Boylu Length	600	900	1200	1500	1800	2100	2400	2700	3000
51	900	14%	22%	26%	28%	29%	30%	31%	31%	32%	
	1200	28%	42%	47%	50%	53%	55%	56%	57%	58%	
	1500	49%	66%	71%	74%	76%	77%	79%	80%	81%	
102	900	28%	44%	51%	56%	59%	60%	62%	63%	63%	
	1200	56%	84%	95%	101%	106%	109%	113%	115%	117%	
	1500	98%	131%	143%	148%	152%	155%	158%	160%	162%	
151	900	42%	60%	68%	73%	78%	80%	83%	83%	85%	
	1200	85%	83%	109%	119%	125%	131%	134%	138%	142%	
	1500	136%	165%	174%	186%	193%	202%	208%	211%	214%	
202	900	55%	73%	82%	88%	93%	96%	99%	100%	101%	
	1200	105%	129%	139%	145%	150%	153%	157%	159%	162%	
	1500	167%	191%	199%	203%	206%	209%	211%	213%	215%	
252	900	84%	120%	137%	147%	156%	161%	165%	167%	169%	
	1200	169%	165%	218%	239%	250%	261%	268%	276%	284%	
	1500	273%	329%	348%	371%	386%	403%	415%	423%	428%	

Yeşil: İdeal kullanılır / Green: Can be used as ideal

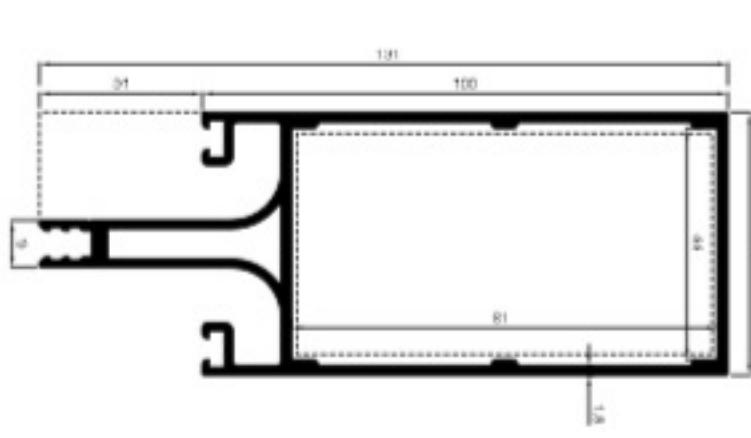
Sarı: Tekrar kontrol edilmeli (statik hesap yapılmalı) / Yellow: Should be recontrolled. (Static calculation is needed)

Siyah: Takviye olmadan kullanılamaz / Black: Can't be used without reinforcement



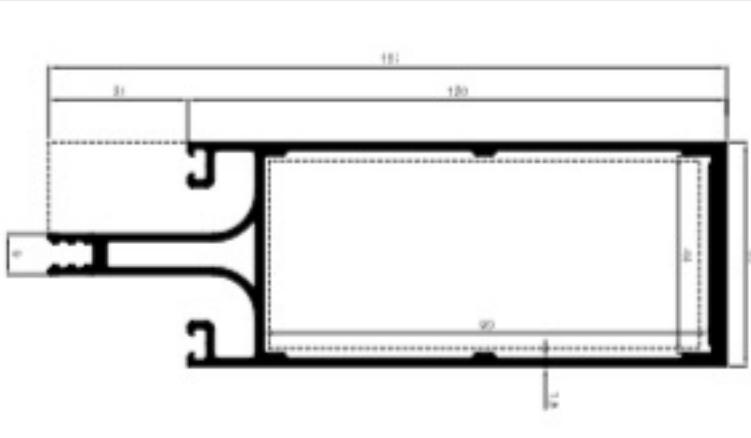
1088 R50 M 01

1,956 Kg/mt



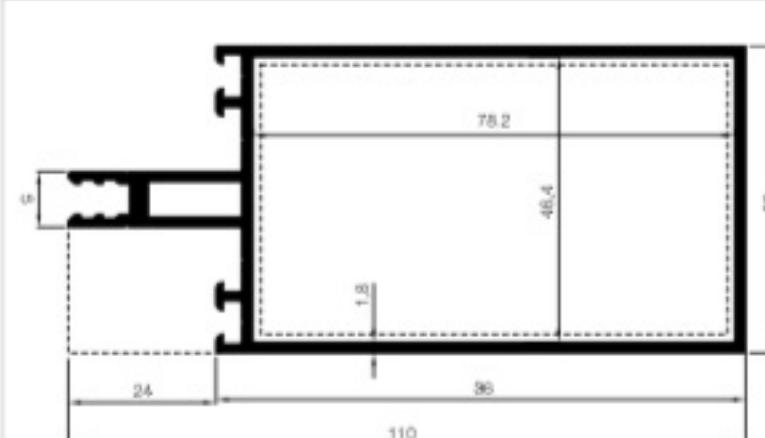
1089 R50 M 02

2,159 Kg/mt



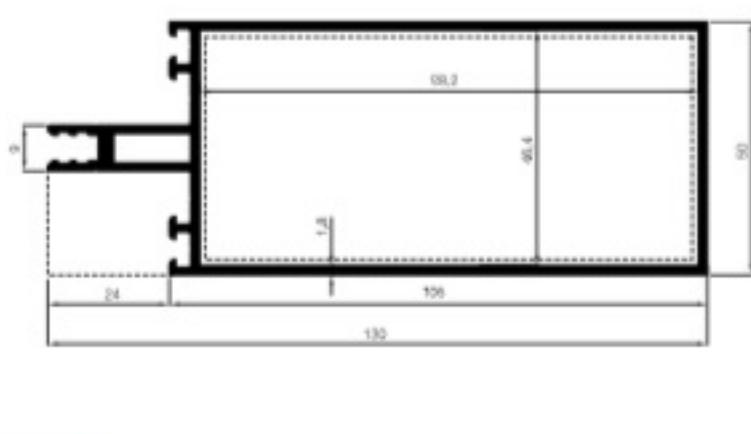
1090 R50 M 03

2,608 Kg/mt



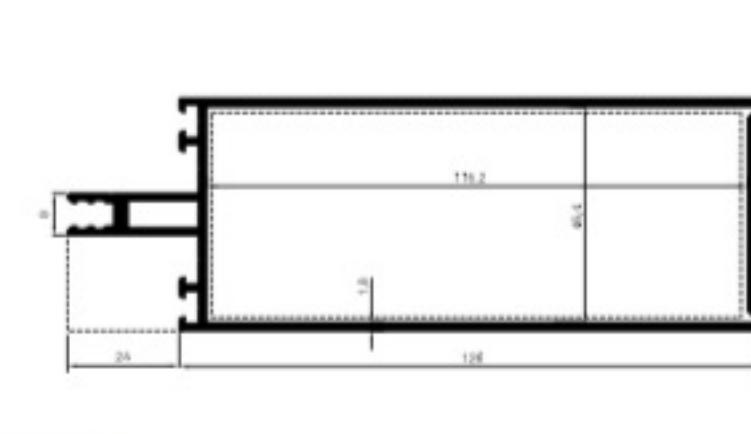
1091 R50 T 04

1,640 Kg/mt



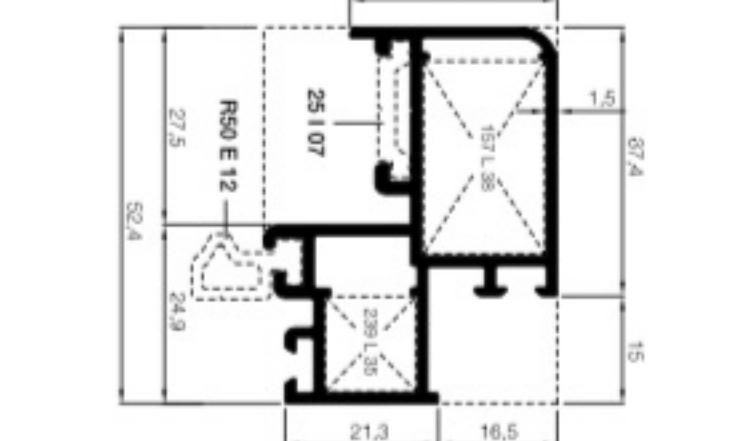
1092 R50 T 05

1,834 Kg/mt



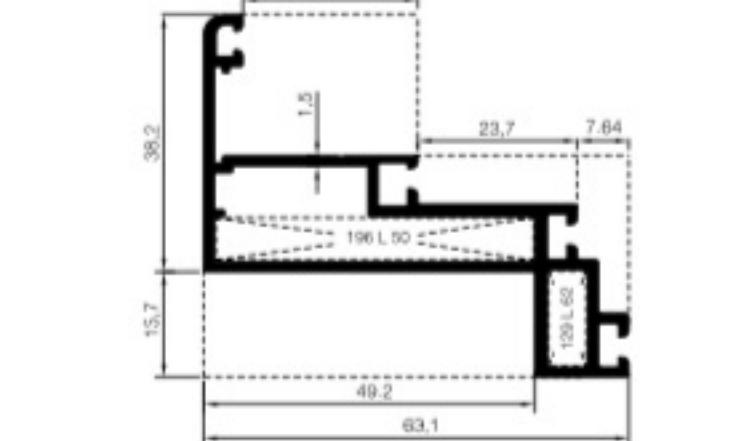
1093 R50 T 06

2,266 Kg/mt



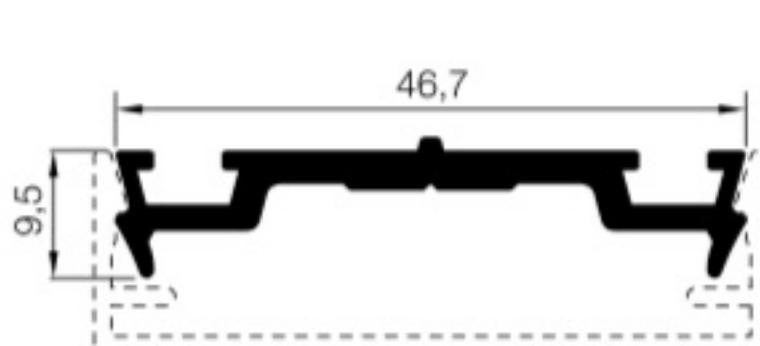
1094 R50 V 26

0,927 Kg/mt



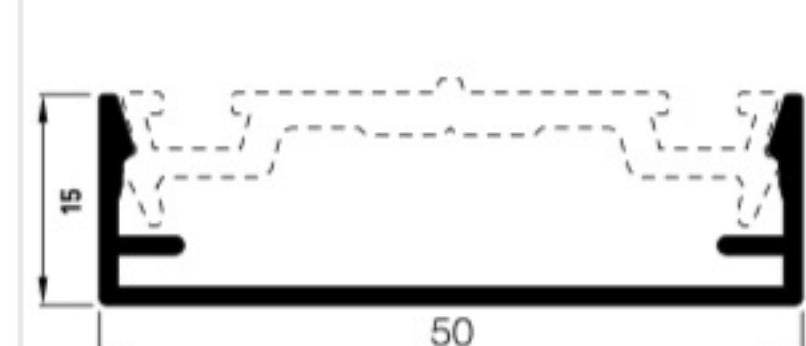
1095 R50 H 06

1,012 Kg/mt



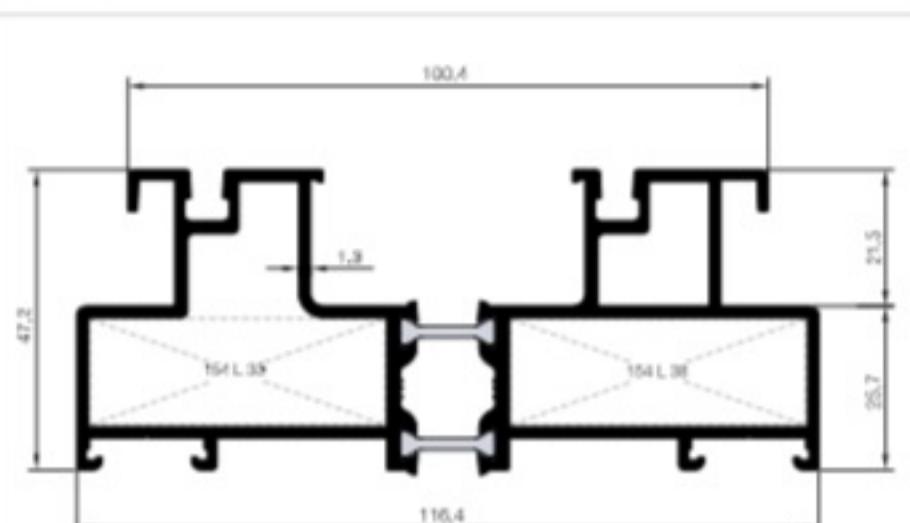
1066 R50 P 01

0,428 Kg/mt



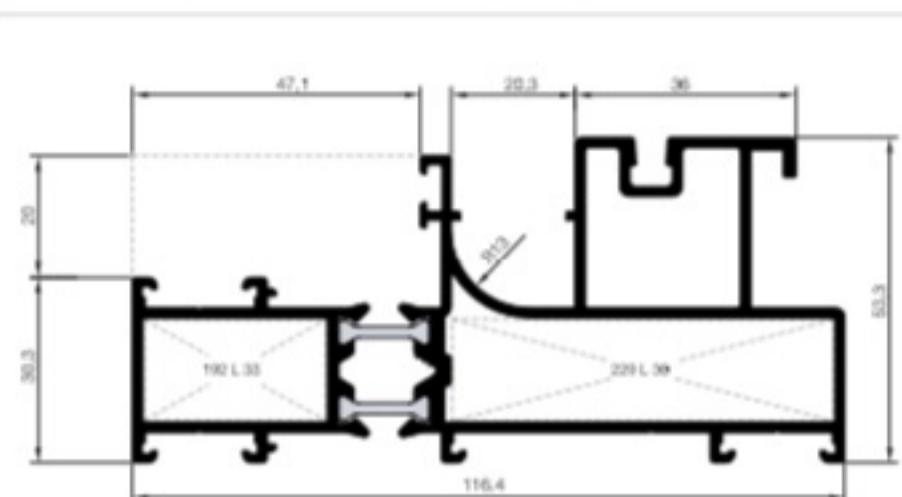
1067 R50 P 15

0,323 Kg/mt



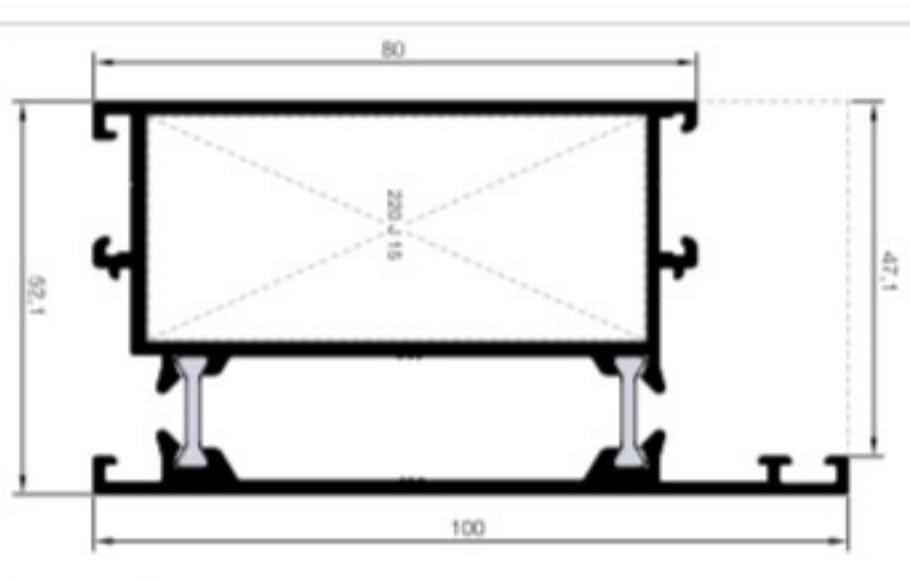
1078 T116 F 05

2,525 Kg/mt



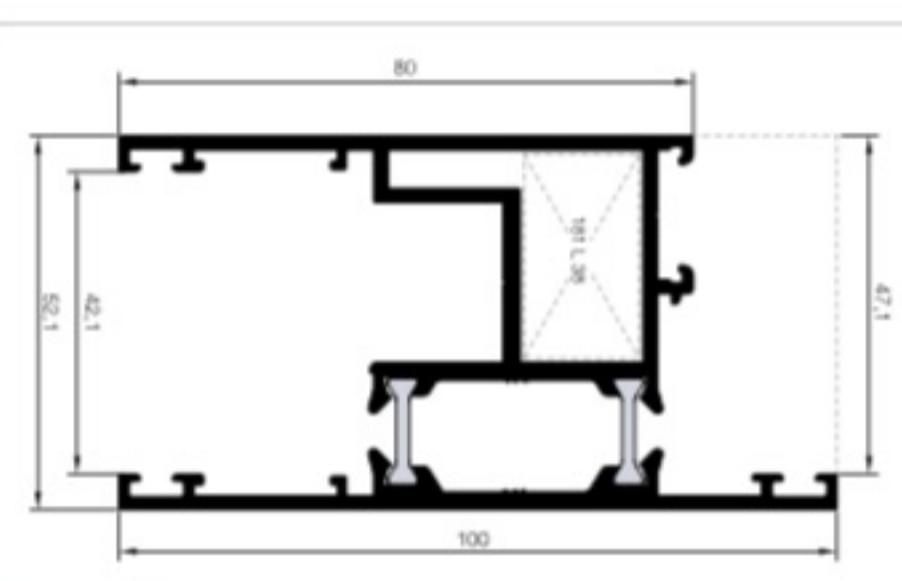
1079 T116 F 06

2,407 Kg/mt



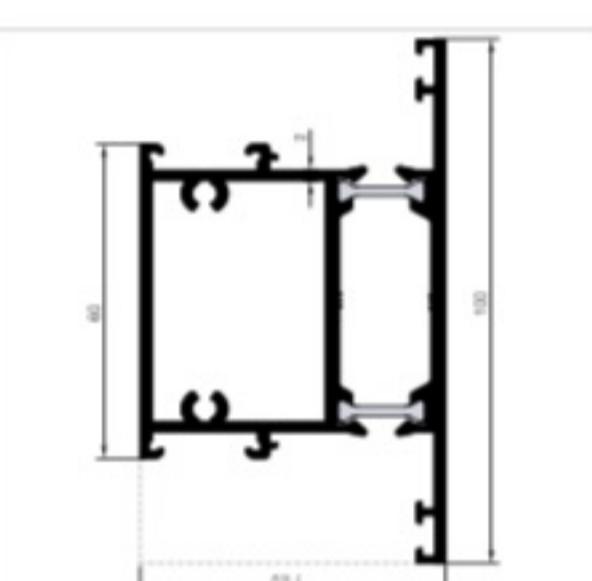
1080 T116 F 03

1,935 Kg/mt



1081 T116 V 01

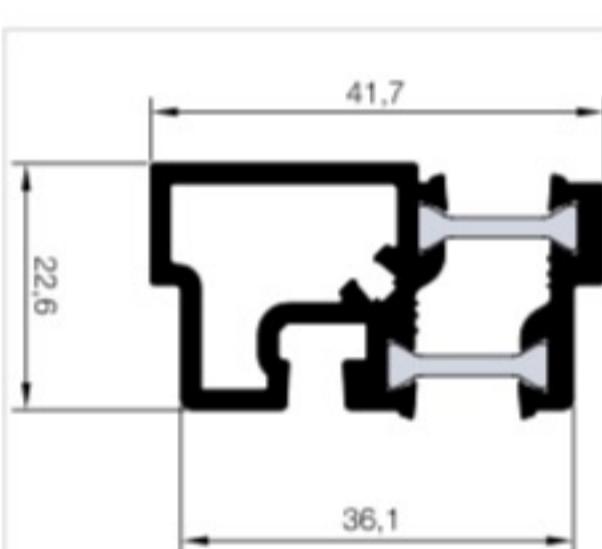
2,195 Kg/mt



1082 T116 M 01 2,157 Kg/mt



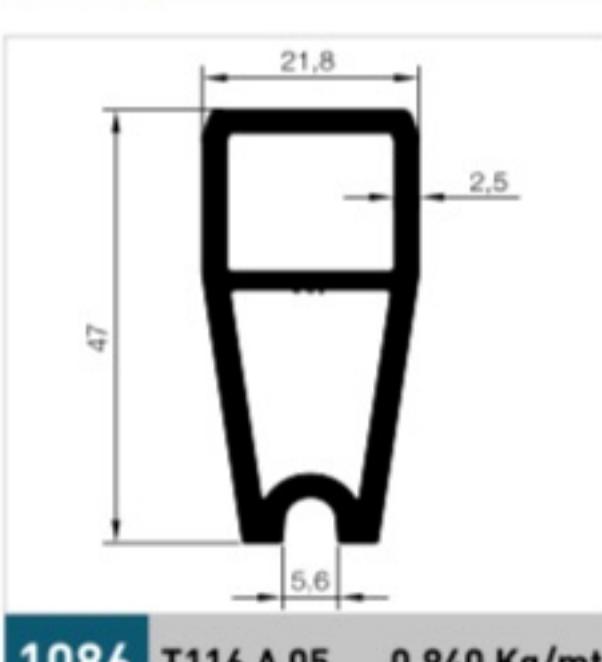
1083 T116 A 01 0,755 Kg/mt



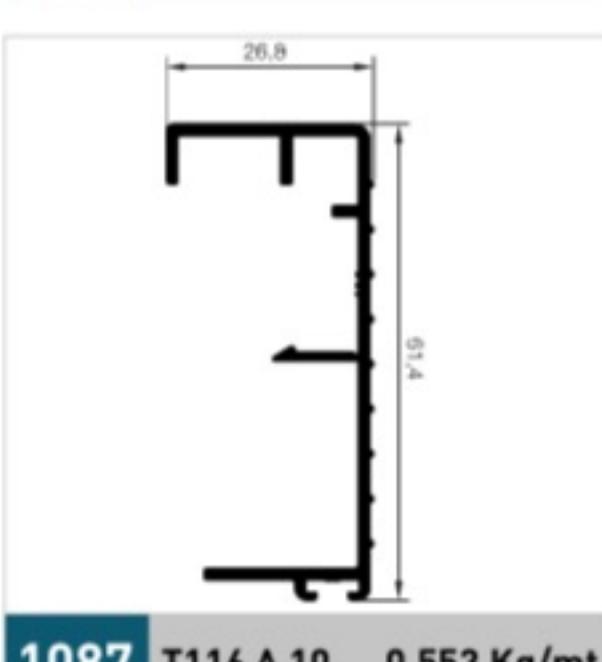
1084 T116 A 04 0,867 Kg/mt



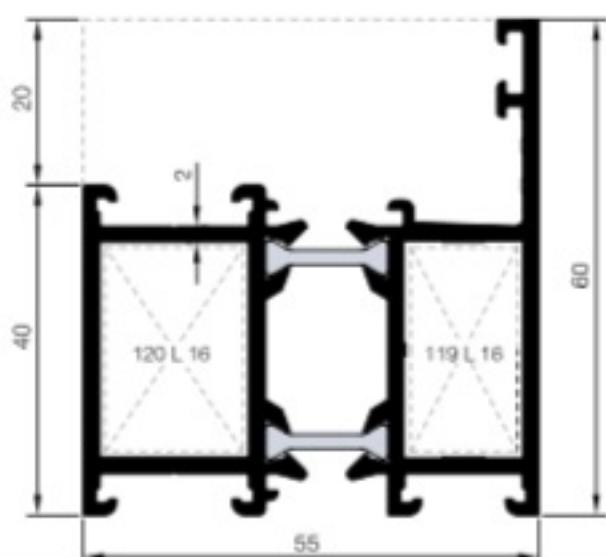
1085 T116 A 06 0,515 Kg/mt



1086 T116 A 05 0,940 Kg/mt



1087 T116 A 10 0,553 Kg/mt



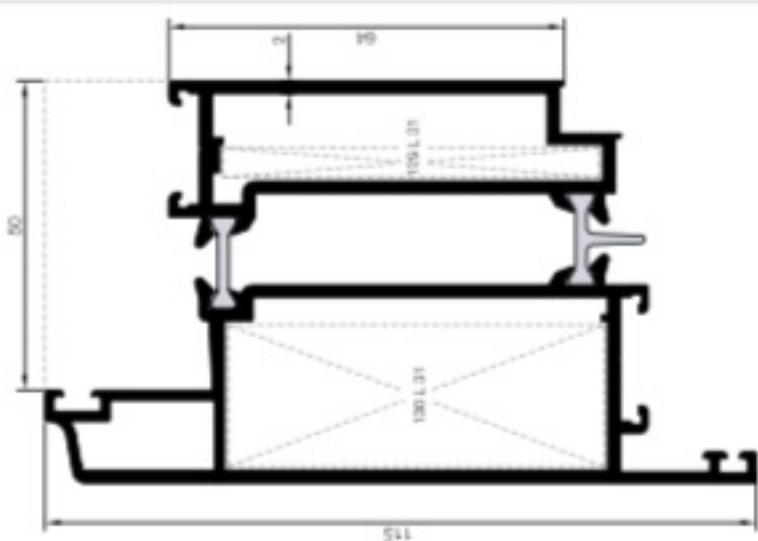
1062 T55 F 02

1,608 Kg/mt



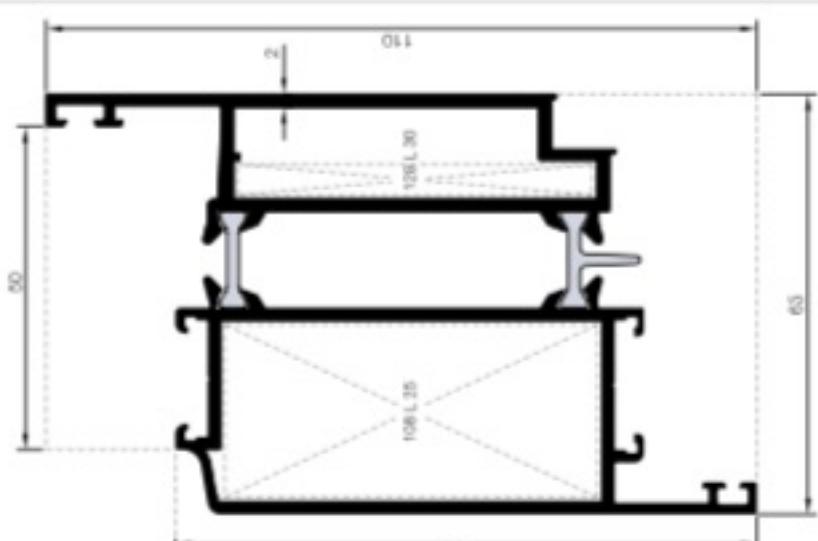
1063 T55 V 05

1,725 Kg/mt



1064 T55 V 06

2,770 Kg/mt



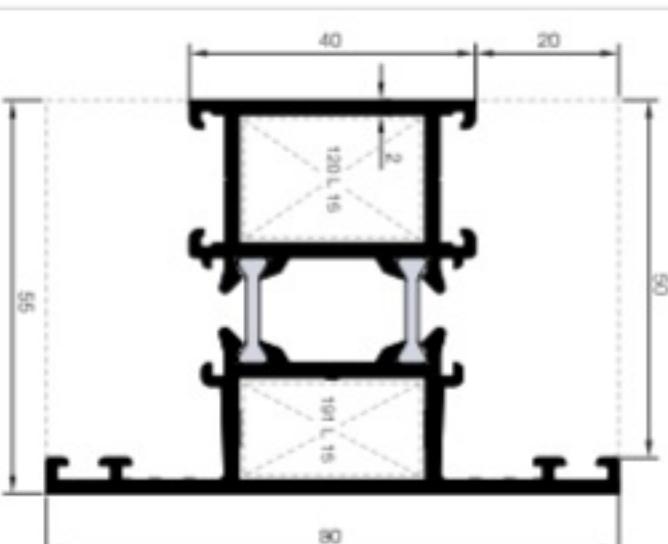
1065 T55 V 04

2,484 Kg/mt



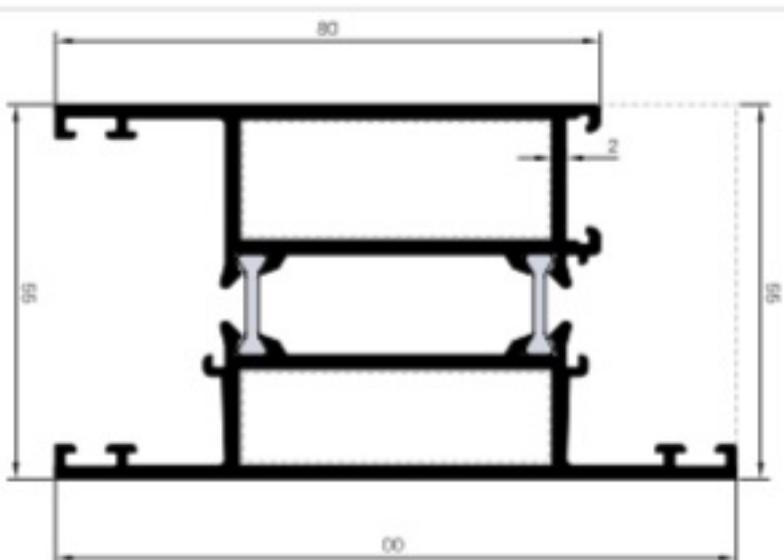
1066 T55 V 13

1,689 Kg/mt



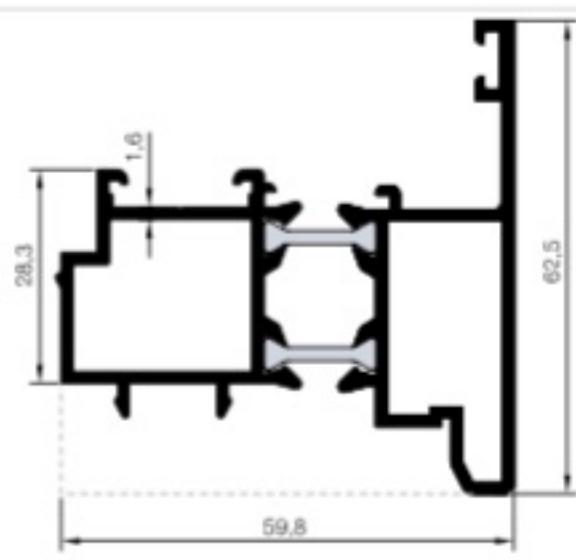
1067 T55 M 02

1,731 Kg/mt



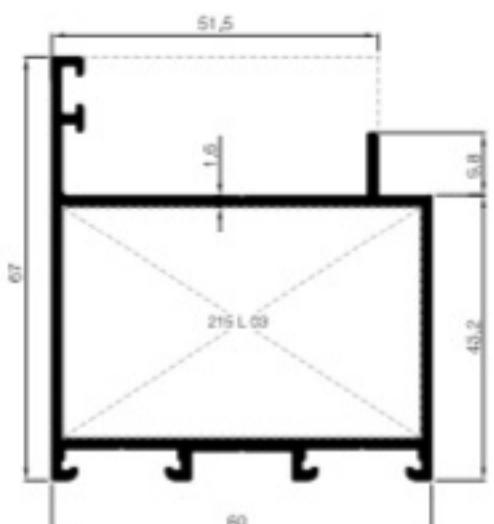
1068 T55 K 01

2,285 Kg/mt

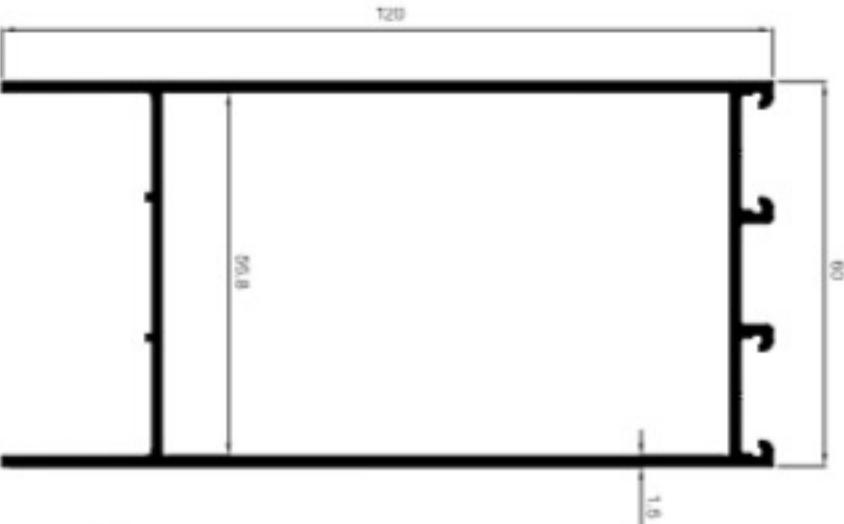


1069 T55 A 05

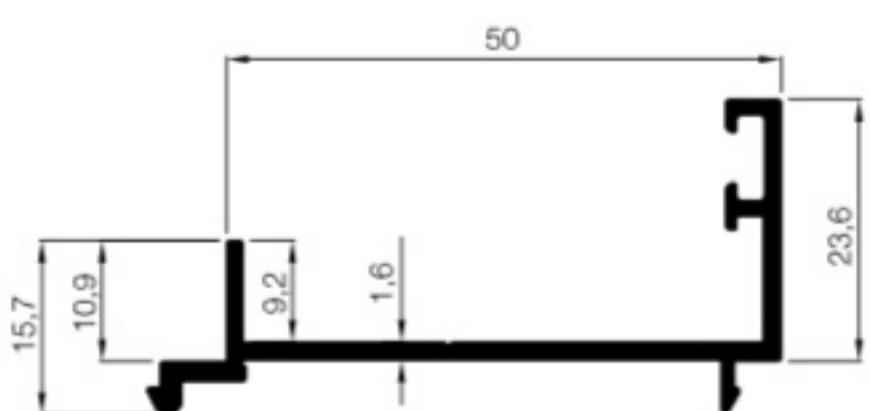
1,314 Kg/mt

**1055** RW60 V 01

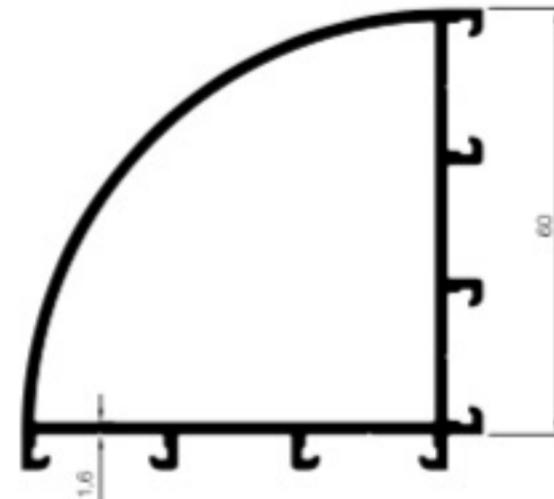
1,162 Kg/mt

**1056** RW60 K 01

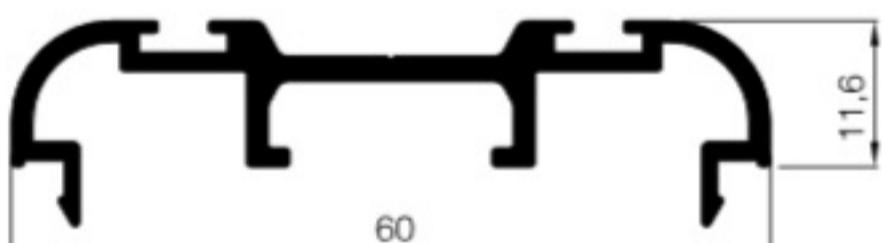
1,597 Kg/mt

**1057** RW60 A 01

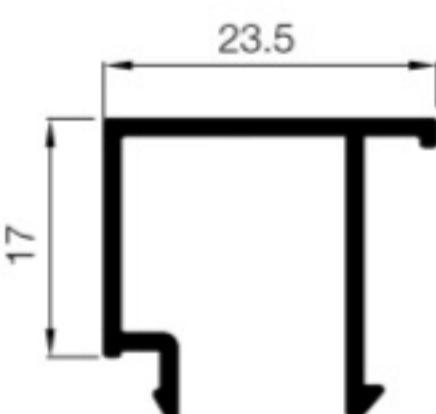
0,431 Kg/mt

**1058** RW60 A 04

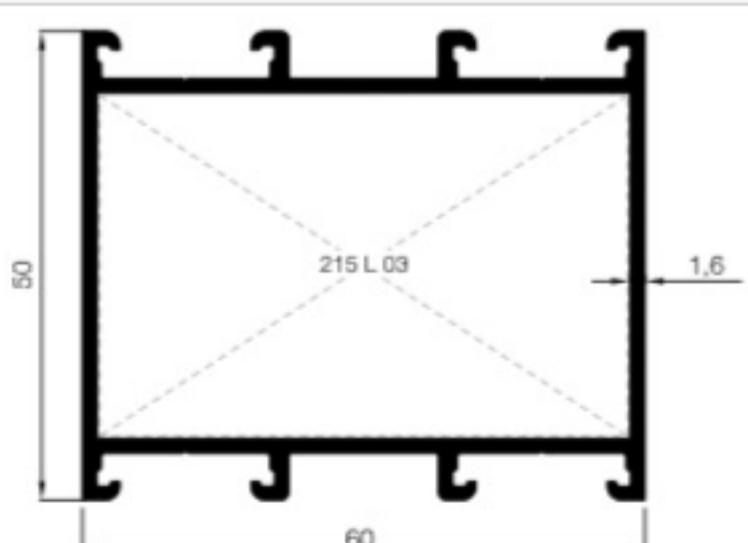
1,166 Kg/mt

**1059** RW60 A 06

0,587 Kg/mt

**1060** 25 G 30

0,229 Kg/mt

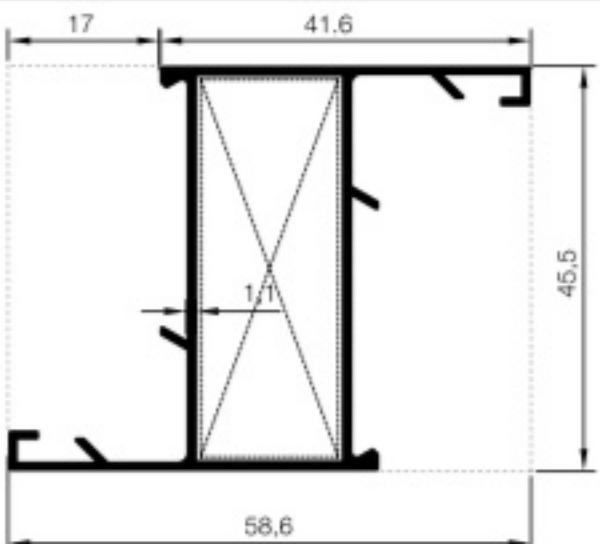
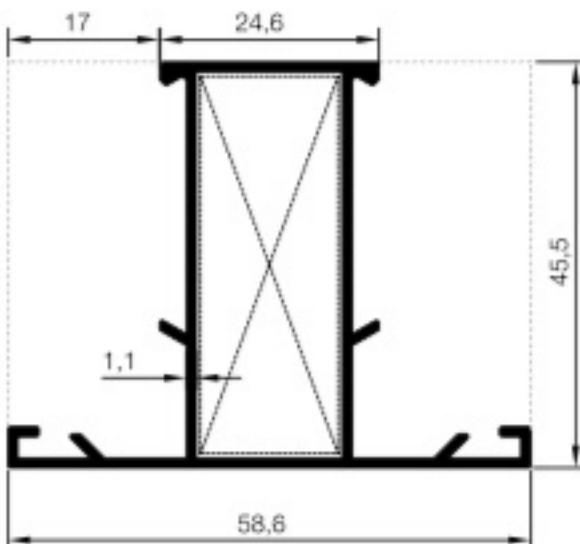
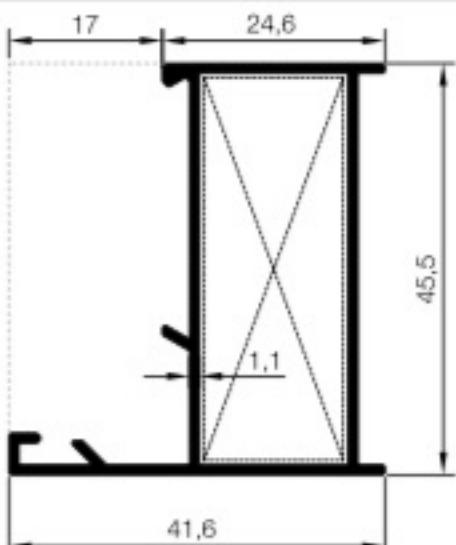
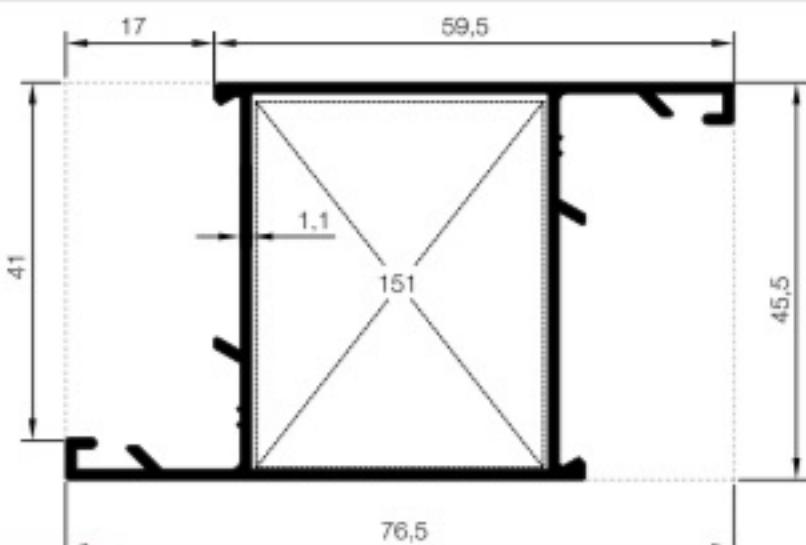
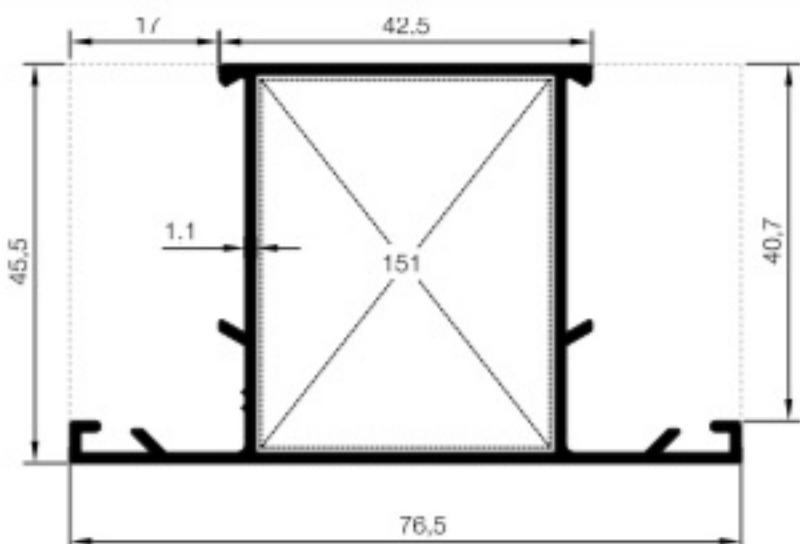
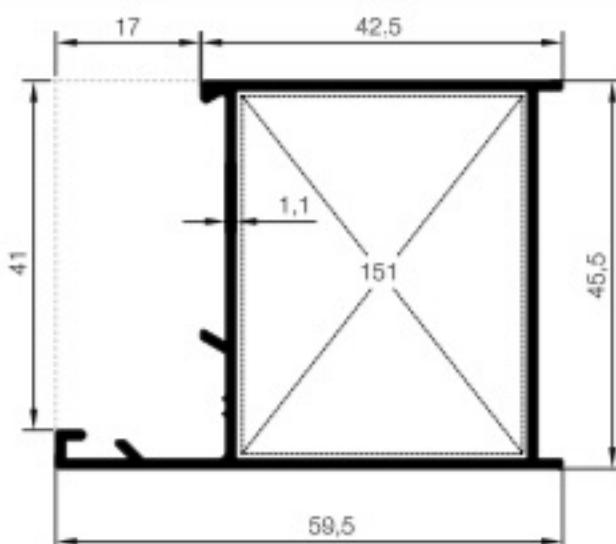
**1061** RW60 F 02

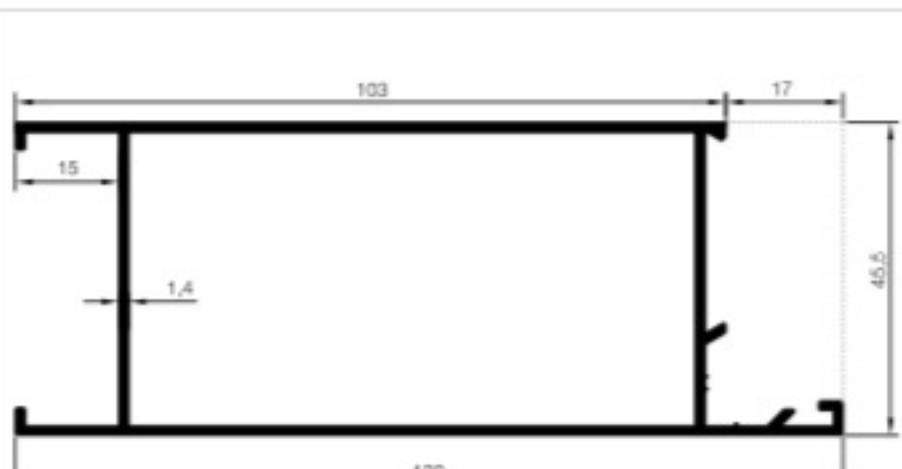
1,102 Kg/mt

SRM 01

Alüminyum Aldoks Seri

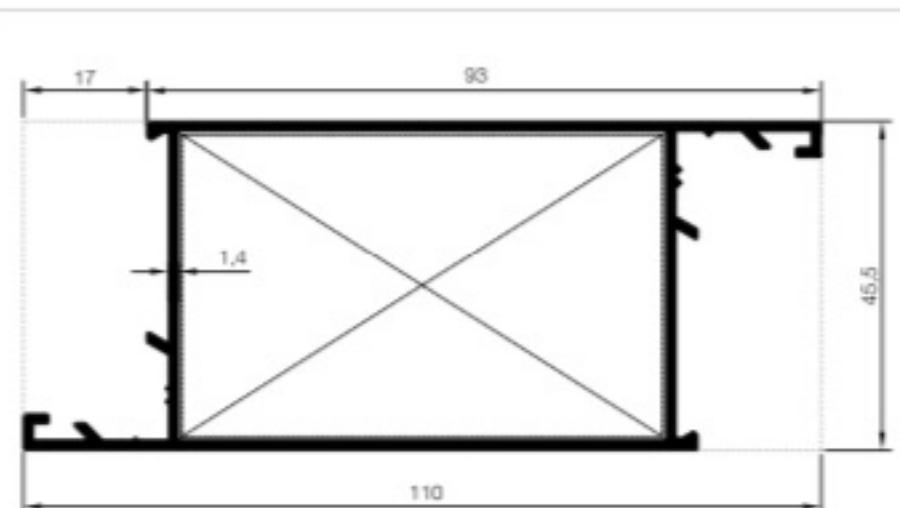
Aluminum Aldoks Series

ASAS**SIRMA METAL**
ALÜMİNYUM SAN. VE TIC. LTD. ŞTİ.**1034** 536**0,601 Kg/mt****1035** 537**0,600 Kg/mt****1036** 538**0,502 Kg/mt****1037** 181**0,704 Kg/mt****1038** 182**0,703 Kg/mt****1039** 183**0,607 Kg/mt**



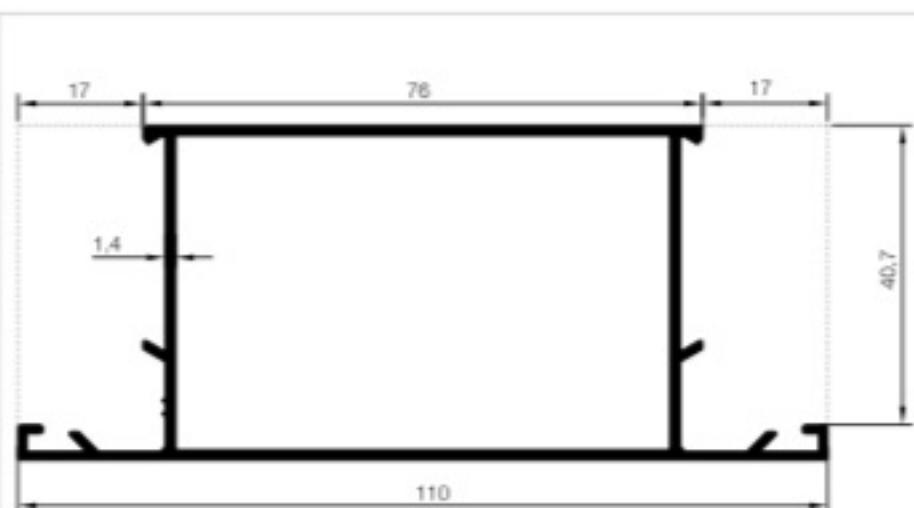
1040 3292

1,242 Kg/mt



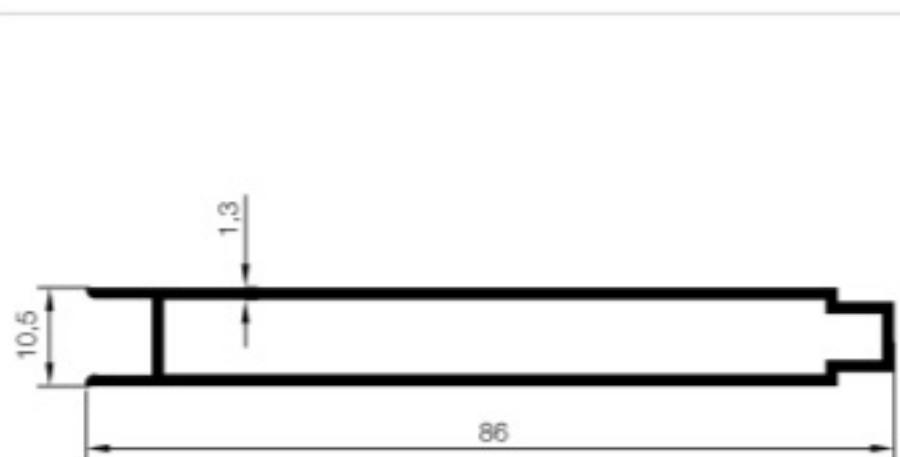
1041 3293

1,135 Kg/mt



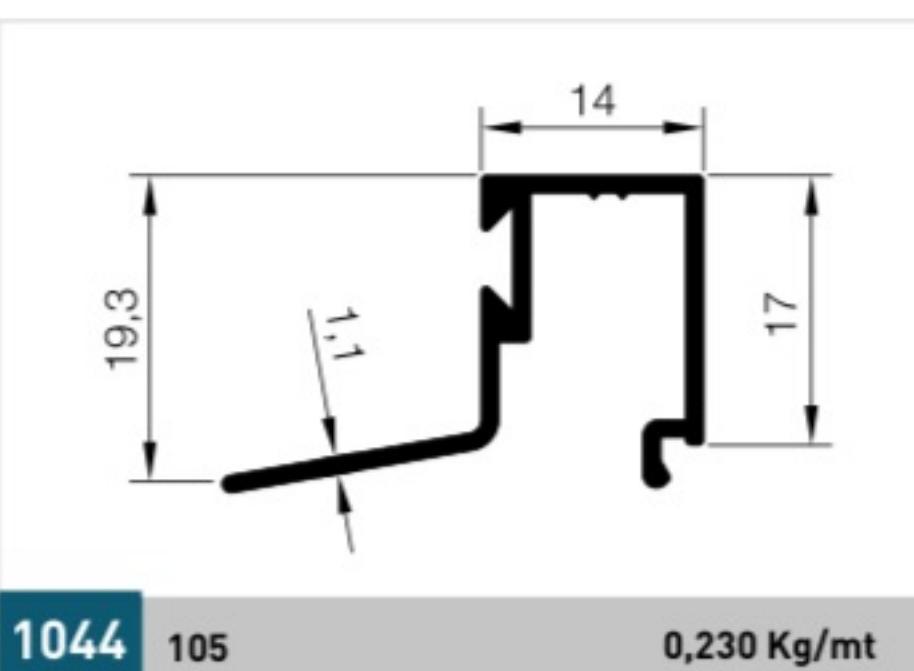
1042 3294

1,137 Kg/mt



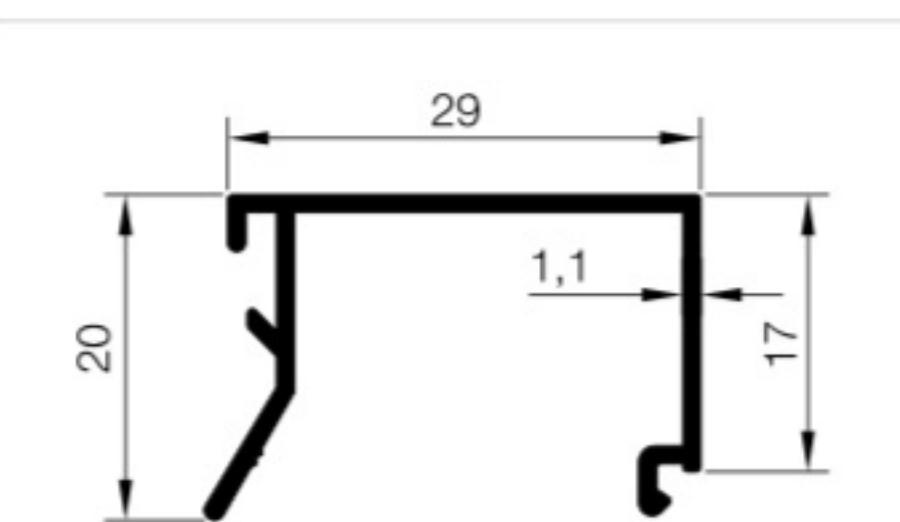
1043 115

0,580 Kg/mt



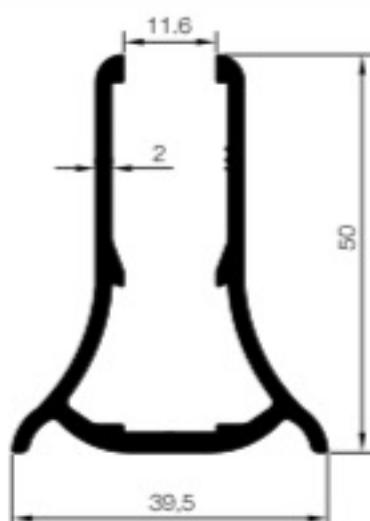
1044 105

0,230 Kg/mt



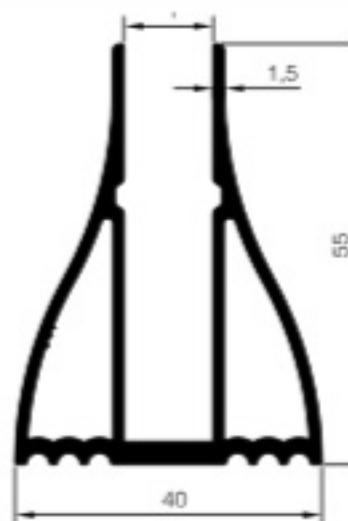
1045 104

0,228 Kg/mt



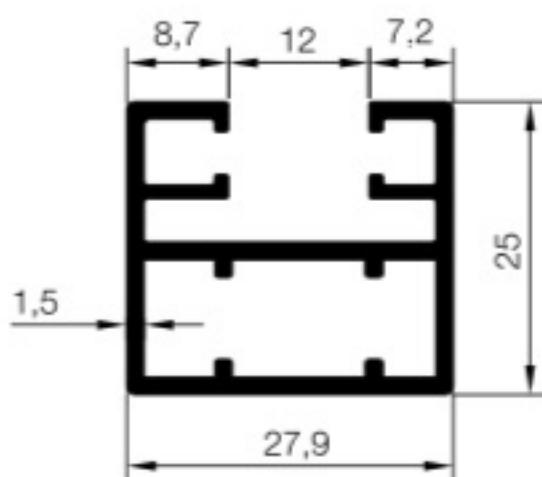
1000 AS38 T 04

0,834 Kg/mt



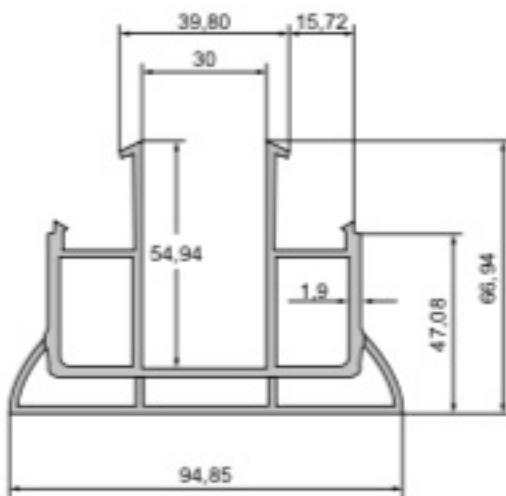
1001 AS38 T 05

1,011 Kg/mt



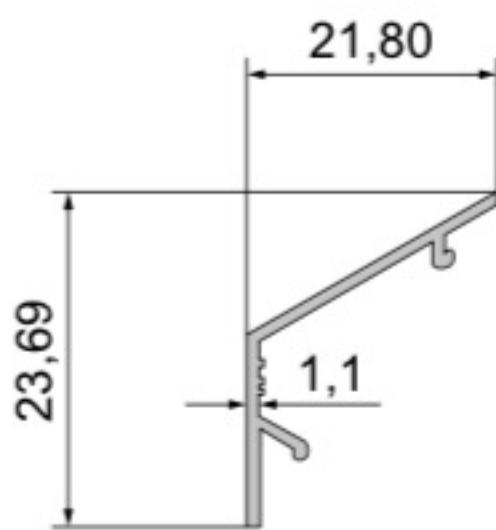
1002 AS38 T 08

0.537 Kg/mt



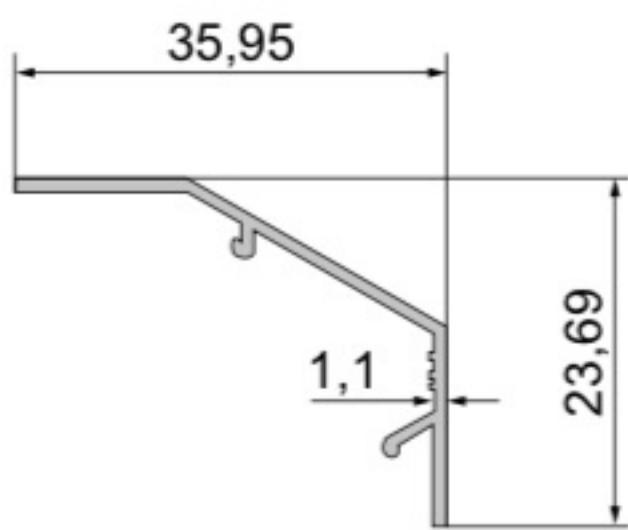
1003 14861

2,438 Kg/mt



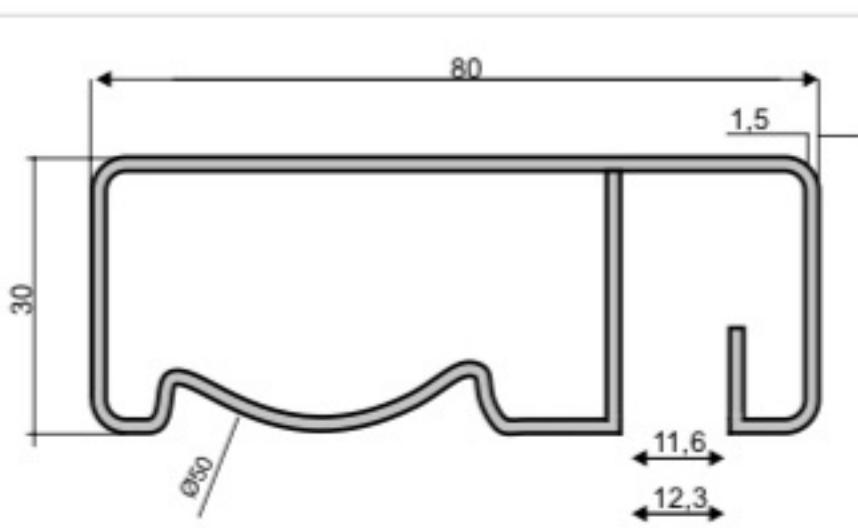
1004 14862

0.121 Kg/mt



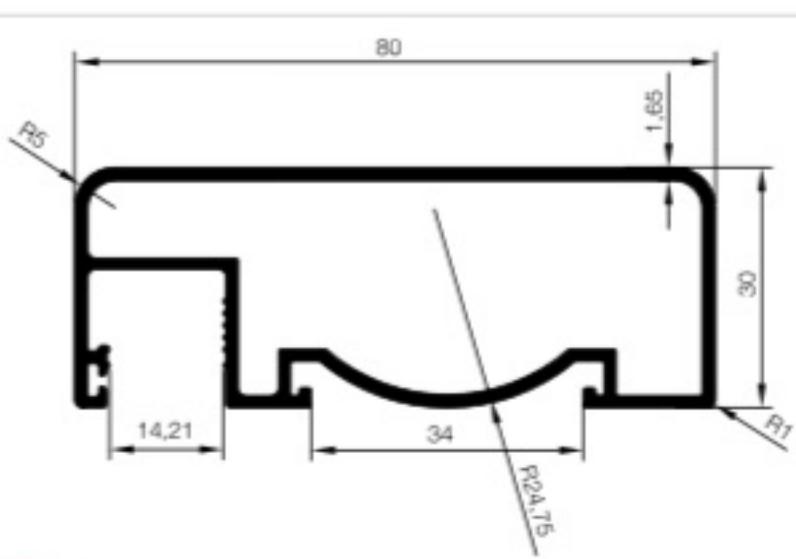
1005 14863

0.159 Kg/mt



1006 14864

1.066 Kg/mt



1007 A80 T 01

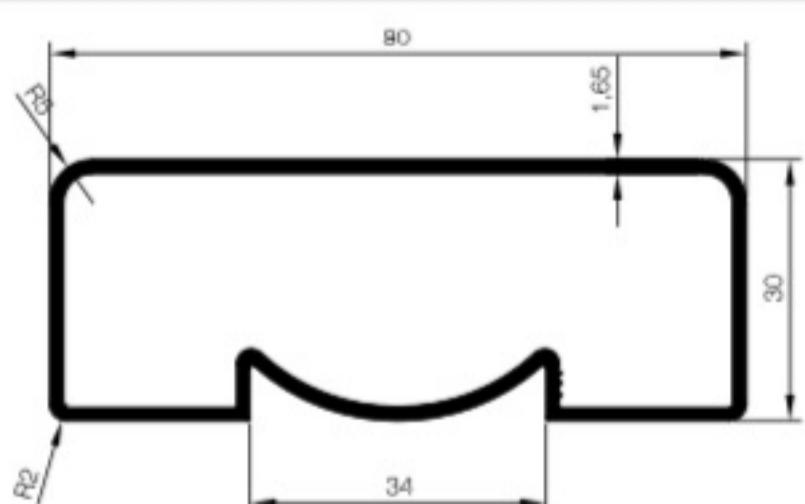
1,110 Kg/mt

SRM 01

Alüminyum Kare Küpeste Profilleri
Aluminum Frame Handrail Profiles

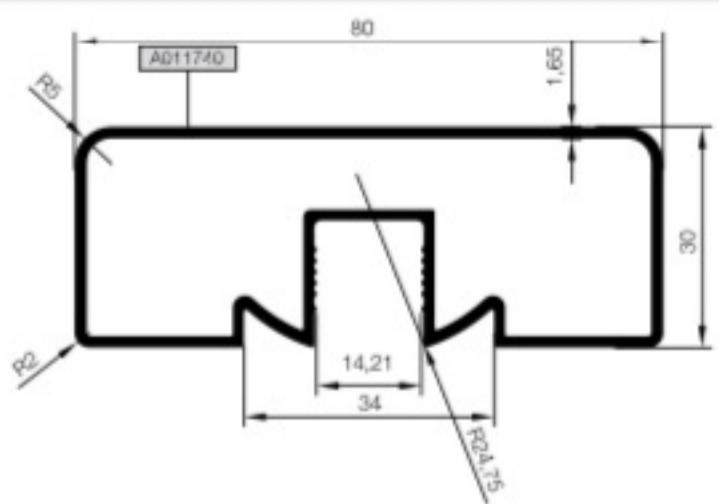
ASAS

SIRMA
METAL
ALÜMINIYUM SAN. VE TIC. LTD. ŞTİ.



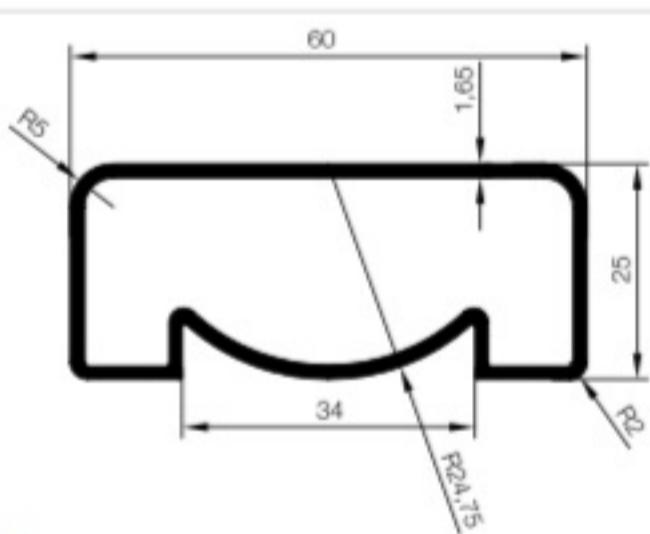
1008 A80 T 02

0,985 Kg/mt



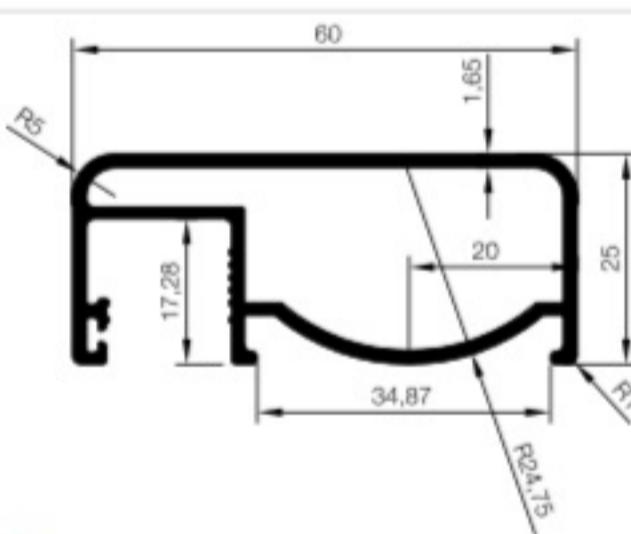
1009 A80 T 03

1.108 Kg/mt



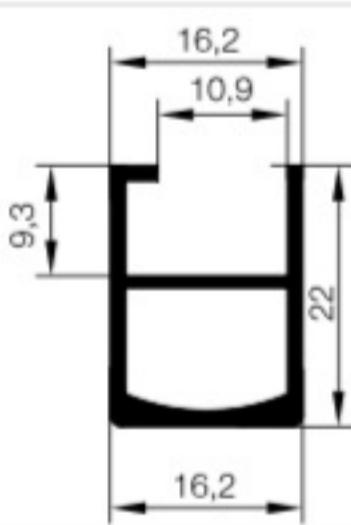
1010 A60 T 02

0.769 Kg/mt



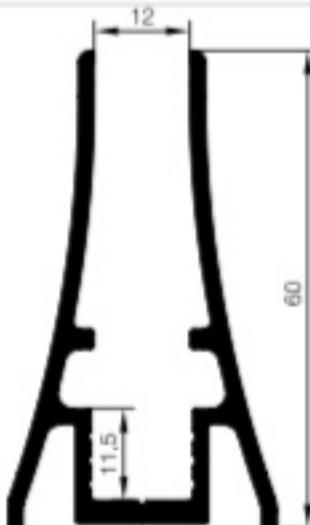
1011 A60 T 01

0.830 Kg/mt



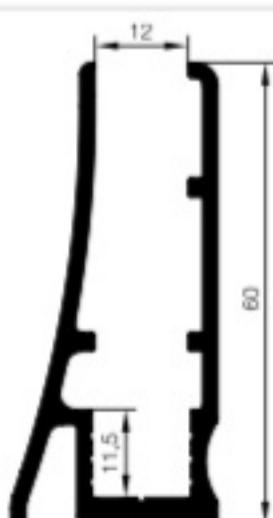
1012 A40 C 03

0.270 Kg/mt



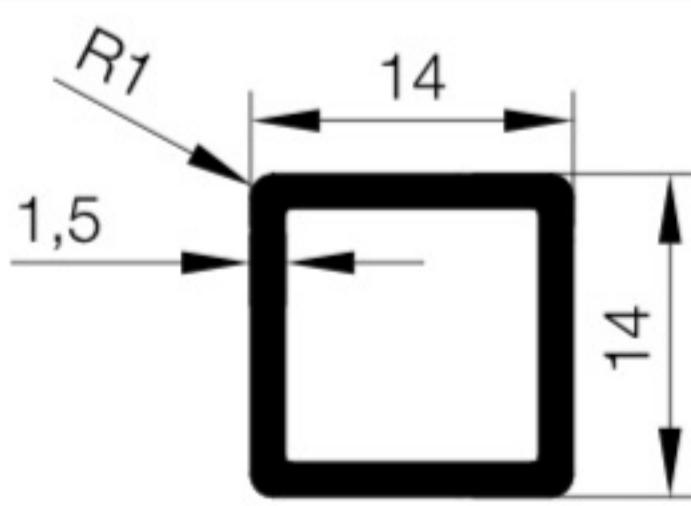
1013 A40 C 01

1.007 Kg/mt



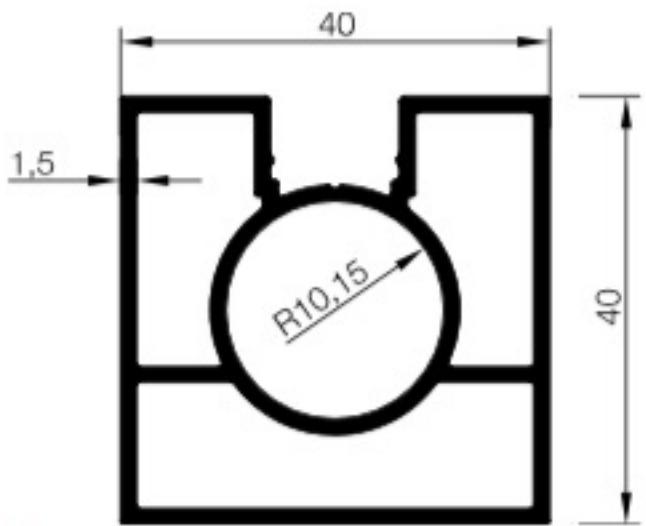
1014 A40 C02

0.941 Kg/mt



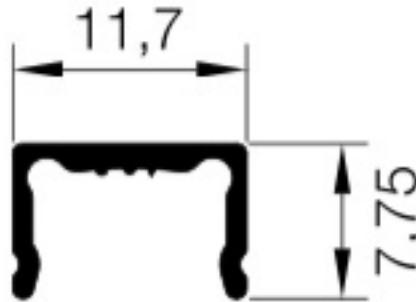
1015 A40 A01

0.201 Kg/mt



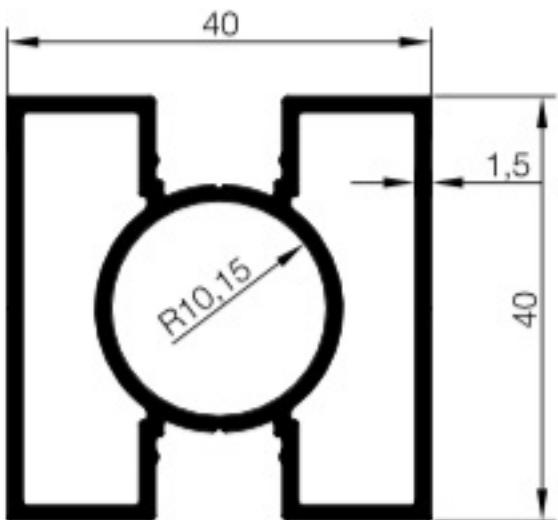
1016 A400 D 01

0,998 Kg/mt



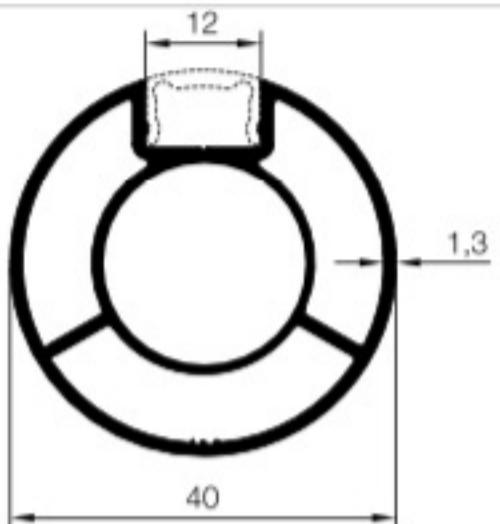
1017 AS38 K 04

0,072 Kg/mt



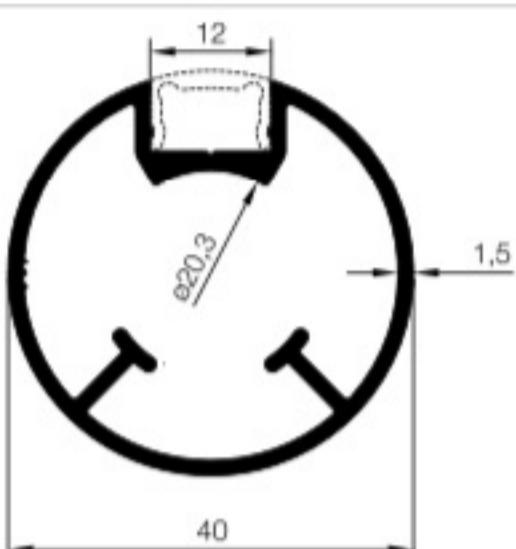
1018 A400 D02

0,960 Kg/mt



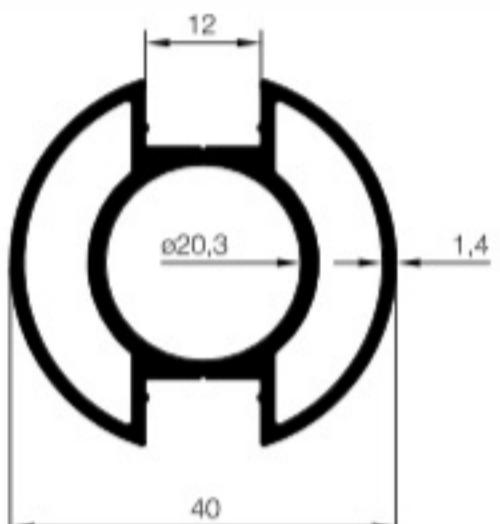
1019 13411

0,776 Kg/mt



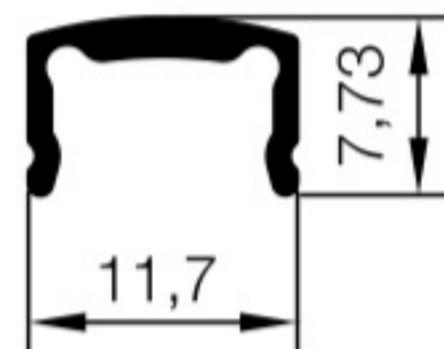
1020 11120

0,675 Kg/mt



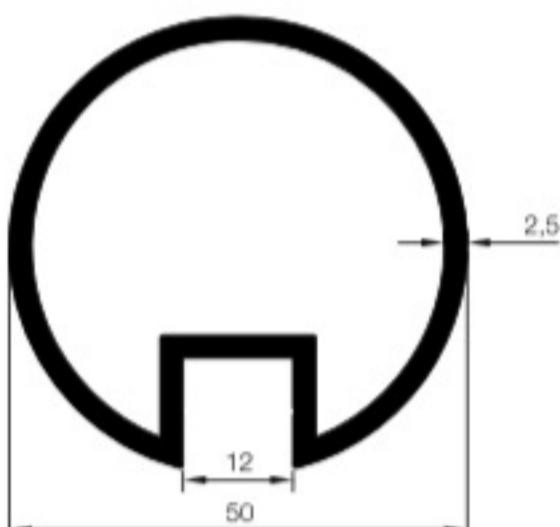
1021 4226

0,864 Kg/mt



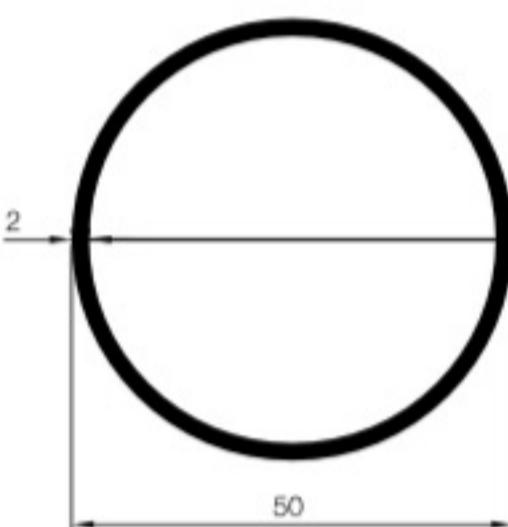
1022 4227

0,074 Kg/mt



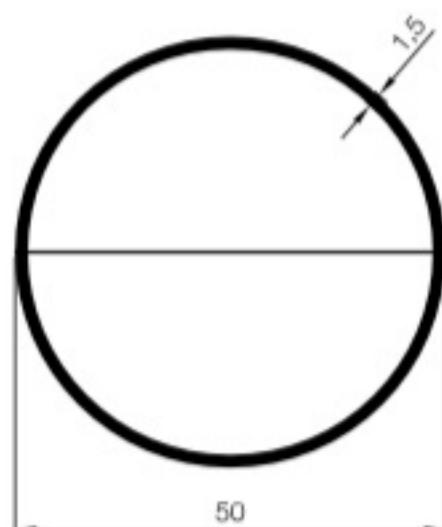
1023 2668

1,117 Kg/mt



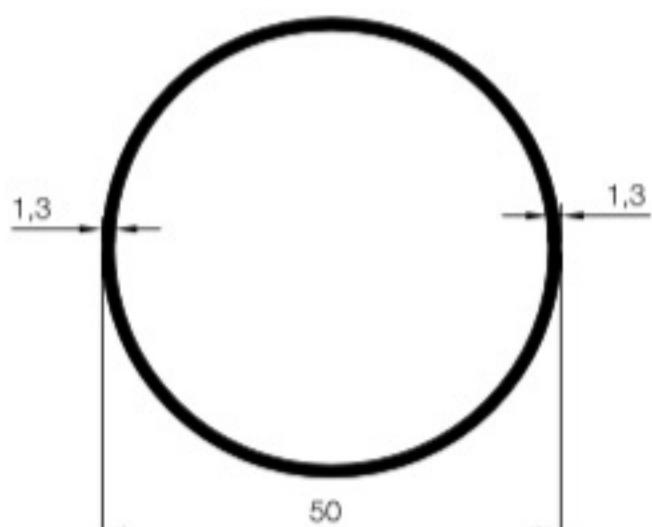
1024 4934

0,817 Kg/mt



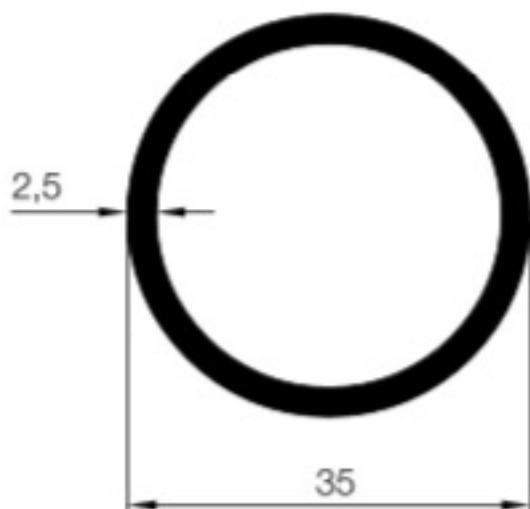
1025 4841

0,620 Kg/mt



1026 1432

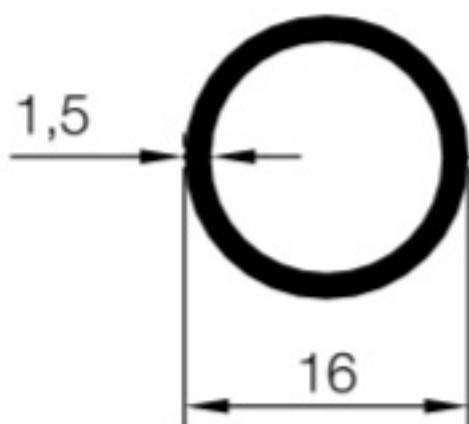
0,539 Kg/mt

SRM 01Alüminyum Yuvarlak Küpeşte Profilleri
Aluminum Round Handrail Profiles**ASAS****SIRMA**
METAL
ALÜMİNYUM SAN. VE TIC. A.Ş.**1027** 11130

0,692 Kg/mt

1028 7482

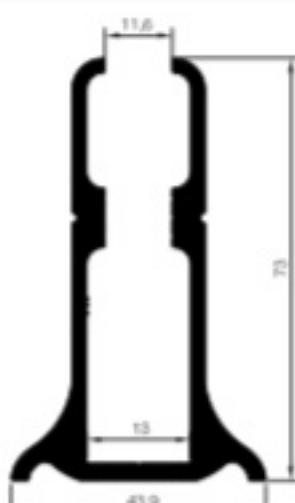
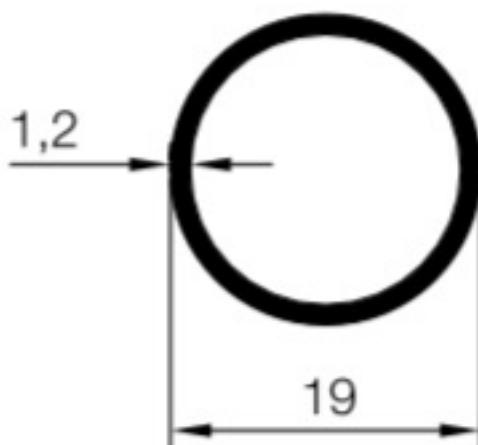
0,508 Kg/mt

**1029** 2794

0,185 Kg/mt

1030 6948

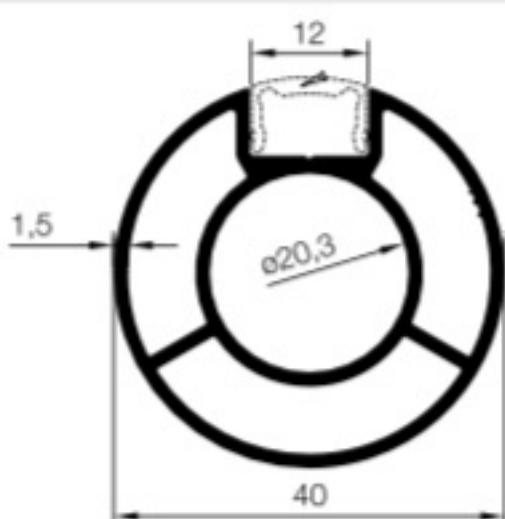
0,238 Kg/mt

**1031** 270

0,182 Kg/mt

1032 9451

1,689 Kg/mt

**1033** 7784

0,864 Kg/mt



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