

FLEXA

Folding Glass Balcony System

Katlanır Cam Balkon Sistemi



6063-T6 ALUMINUM PROFILES

TECHNICAL CATALOG | MM (FEET-INCH)

FLEXA

Glass Balcony / Cam Balkon



Geri çekilebilir veya katlanır cam korkuluk olarak da bilinen katlanır cam balkon, geleneksel cam balkonun korkuluk bölümlerinin açılıp kapanma esnekliği sunan bir çeşidir. Bu tasarım, engelsiz manzaralı açık bir balkon ile cam panellerin korunduğu kapalı, kapalı bir alan arasında sorunsuz bir şekilde geçiş yapmanızı sağlar.

Katlanır cam paneller, engelsiz görüş ve temiz hava için balkonu açma veya hava koşullarından korunmak için kapatma esnekliği sunar.

Paneller kapatıldığında hava koşullarına dayanıklı bir bariyer oluşturarak rüzgar, yağmur ve soğuk sıcaklıklara karşı koruma sağlar.

LATVERA Architectural Systems | www.latvera.com

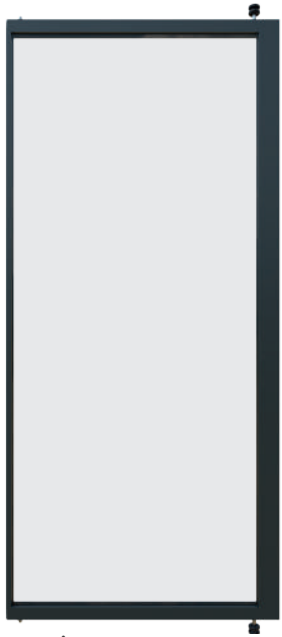
A folding glass balcony, also known as a retractable or folding glass balustrade, is a variation of the traditional glass balcony that offers the flexibility of opening and closing sections of the balustrade. This design allows you to seamlessly transition between an open balcony with unobstructed views and a closed, enclosed space with the protection of glass panels.

The folding glass panels offer the flexibility to open the balcony for unobstructed views and fresh air or close it for protection from the elements.

When closed, the panels create a weatherproof barrier, offering protection from wind, rain, and cold temperatures.



Outdoor of Art
Dış Yaşamda Sanat



TEKLİ CAM / 1 PANEL



3'LÜ CAM / 3 PANELS



4'LÜ CAM / 4 PANELS



5'Lİ CAM / 5 PANELS



6'Lİ CAM / 6 PANELS



7'Lİ CAM / 7 PANELS



6063-T6 ALUMINUM PROFILES

6063-T6 alüminyum profiller

Materials: aluminum profiles, stainless steel and Delrin components.

Finish: RAL color selection; confirm the physical finish sample.

MAXIMUM SINGLE PANEL

800 × 2500 mm
(≈ 2'-7 1/2" × 8'-2 7/16")

SYSTEM CONFIGURATION

Folding glass panels allow the balcony opening to be configured in multiple panel arrangements.

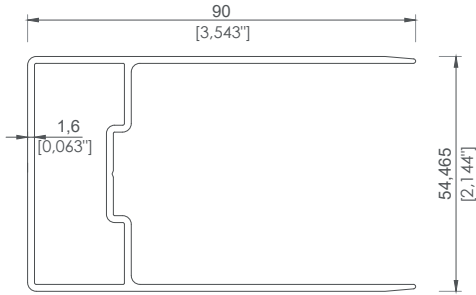
Katlanır cam paneller farklı kanat düzenleri ile açıklığın kullanımını sağlar.

Panel count describes the opening layout. It does not indicate the number of glass layers. Kanat sayısı açıklık düzenini belirtir; cam katmanı sayısı değildir.



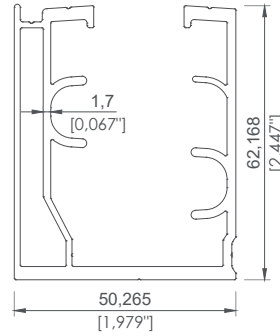
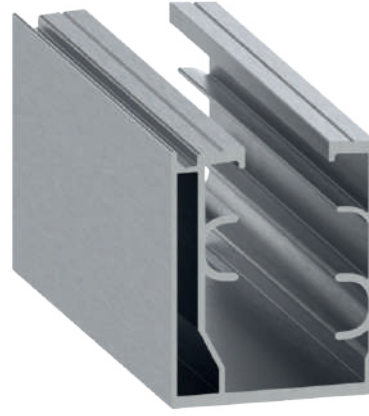






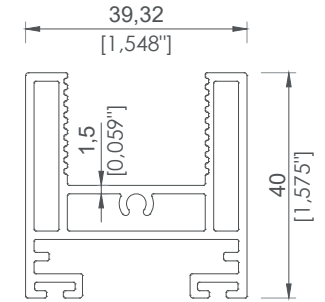
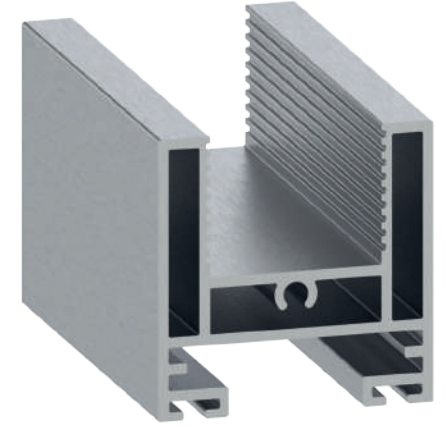
Üst Duvar Profili / Top Wall Profile

Ürün Kodu / Product Code	3751
Ağırlık / Weight	1,214 kg/m 2.676 lb/m



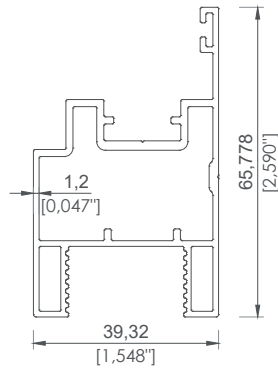
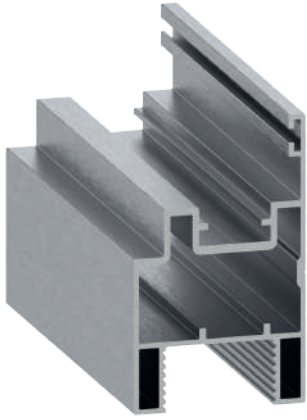
50x62 Ray Profili / 50x62 Rail Profile

Ürün Kodu / Product Code	3752
Ağırlık / Weight	1,680 kg/m 3.704 lb/m



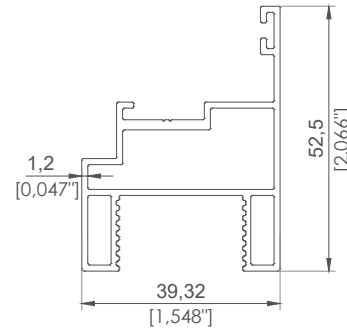
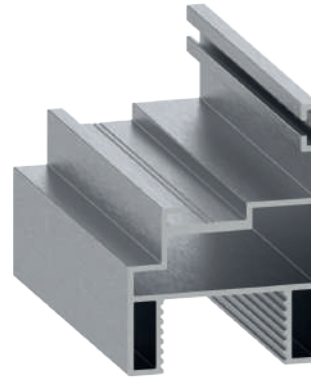
Alt-Üst Baza Profili / Sill - Top Profile

Ürün Kodu / Product Code	3753
Ağırlık / Weight	0,978 kg/m 2.156 lb/m

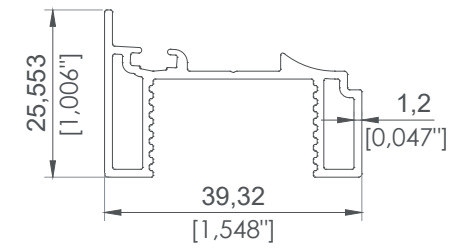
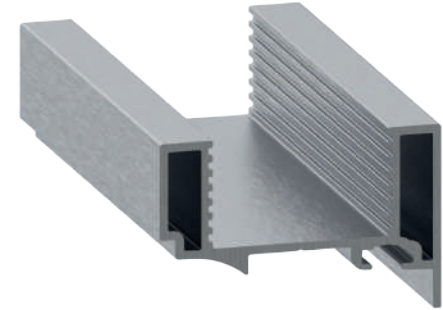


İspanyolet Profili / Espagnolette Profile

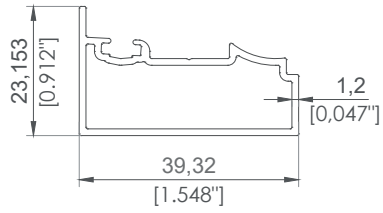
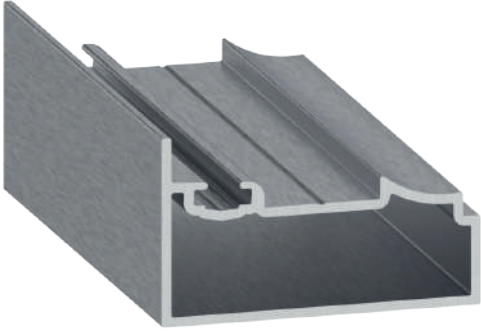
Ürün Kodu / Product Code	3754
Ağırlık / Weight	0,924 kg/m 2.037 lb/m

Espagnolette Counter Profile
İspanyolet Karşılık Profili

Ürün Kodu / Product Code	3755
Ağırlık / Weight	0,713 kg/m 1.572 lb/m

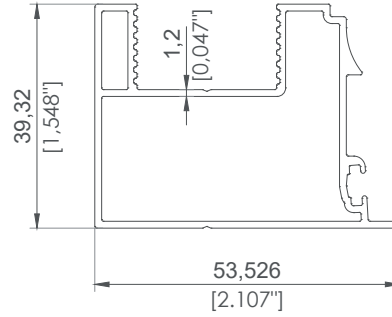
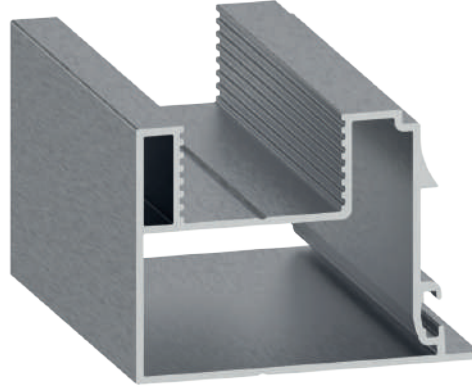
Frame Side Post Profile
Çerçeve Yan Dikme Profili

Ürün Kodu / Product Code	3756
Ağırlık / Weight	0,444 kg/m 0.979 lb/m



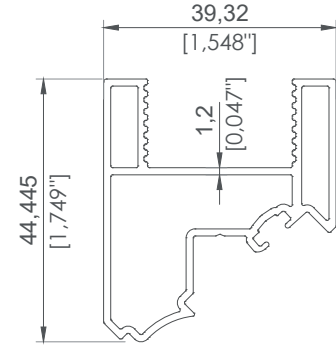
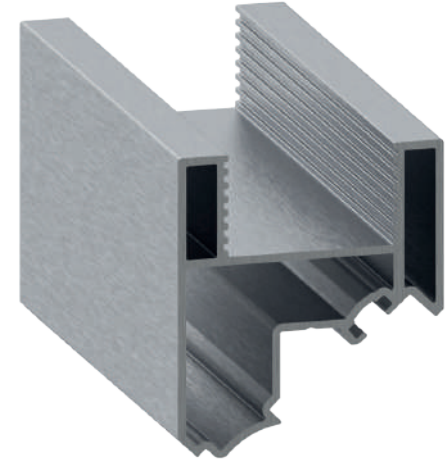
Kasa Yan Dikme Profili / Frame Side Post Profile

Ürün Kodu / Product Code	3757
Ağırlık / Weight	0,393 kg/m 0.866 lb/m



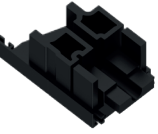
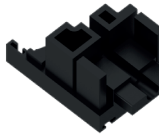
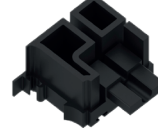
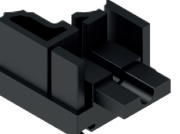
90° Dönüş Profili / 90° Turning Profile

Ürün Kodu / Product Code	3758
Ağırlık / Weight	0,713 kg/m 1.572 lb/m



135° Dönüş Profili / 135° Turning Profile

Ürün Kodu / Product Code	3759
Ağırlık / Weight	0,650 kg/m 1.433 lb/m

 Tekli Sistem Piston Bağlantı Takımı (Sol) Single System Piston Connection Kit (Left)	 8'lik Pul Nut Washer		 Pimli Teker-1 Pin Wheel		 Pimli Teker-2 Pin Wheel-2		 608zz Rulman 608zz Bearing		 Alt Sabitleme Takoza Bottom Fixation Bracket		 Üst Sabitleme Takoza Top Fixation Bracket	
	Miktar Quantity	1 Pcs	Miktar Quantity	1 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs
	Kod Code	MB-15										
 Orta Ray Piston Bağlantı Takımı Middle Rail Piston Connection Kit	 8'lik Burç Spacer Plastic		 3'Lü Ayar Mesafe Plastiği 3-Adjustment Distance Plastic		 4'Lü Ayar Mesafe Plastiği 4-Adjustment Distance Plastic		 5'li Ayar Mesafe Plastiği 5-Adjustment Distance Plastic		 6'lı Ayar Mesafe Plastiği 6-Adjustment Distance Plastic		 7'li Ayar Mesafe Plastiği 7-Adjustment Distance Plastic	
	Miktar Quantity	1 Pcs	Miktar Quantity	3 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	2 Pcs
	Kod Code	MB-15										
 Orta Ray Piston Bağlantı Takımı Middle Rail Piston Connection Kit	 24 mm İspanyolet Plastiği-1 24 mm Espagnolette Plastic-1		 24 mm İspanyolet Plastiği-2 24 mm Espagnolette Plastic-2		 24 mm İspanyolet Plastiği-3 24 mm Espagnolette Plastic-3		 24 mm İspanyolet Plastiği-4 24 mm Espagnolette Plastic-4		 90° Dönüş Plastiği 90° Turning Plastic		 90° Dönüş Plastiği-2 90° Turning Plastic	
	Miktar Quantity	1 Pcs	Miktar Quantity	1 Pcs	Miktar Quantity	4 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	4 Pcs	Miktar Quantity	2 Pcs
	Kod Code	MB-19										
 Orta Ray Piston Bağlantı Takımı Middle Rail Piston Connection Kit	 135° Dönüş Plastiği 135° Turning Profile		 135° Dönüş Plastiği-2 135° Turning Profile-2		 Köşe Plastiği Corner Plastic		 Köşe Plastiği-2 Corner Plastic-2		 Kasa Köşe Takoza-Sağ Corner Case Bracket-Right		 Kasa Köşe Takoza-Sol Corner Case Bracket-Left	
	Miktar Quantity	3 Pcs	Miktar Quantity	1 Pcs	Miktar Quantity	4 Pcs	Miktar Quantity	2 Pcs	Miktar Quantity	4 Pcs	Miktar Quantity	2 Pcs
	Kod Code	MB-19										



İspanyolet Kilit Seti
Espagnolette Lock Set

Kod
Code

MB-9



İspanyolet
Espagnolette

Kod
Code

MB-10



İspanyolet Karşılığı
Espagnolette Strikers

Kod
Code

MB-11

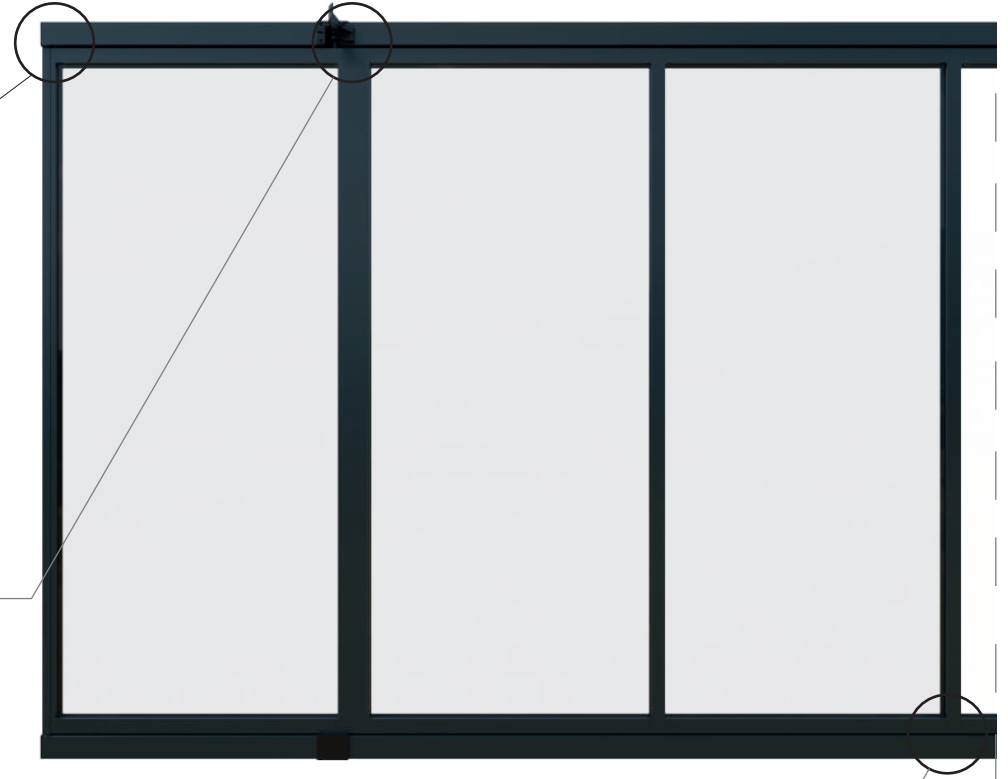
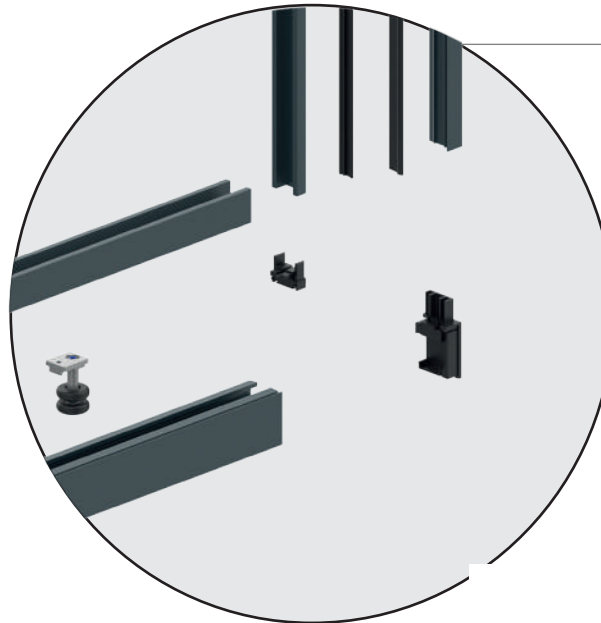
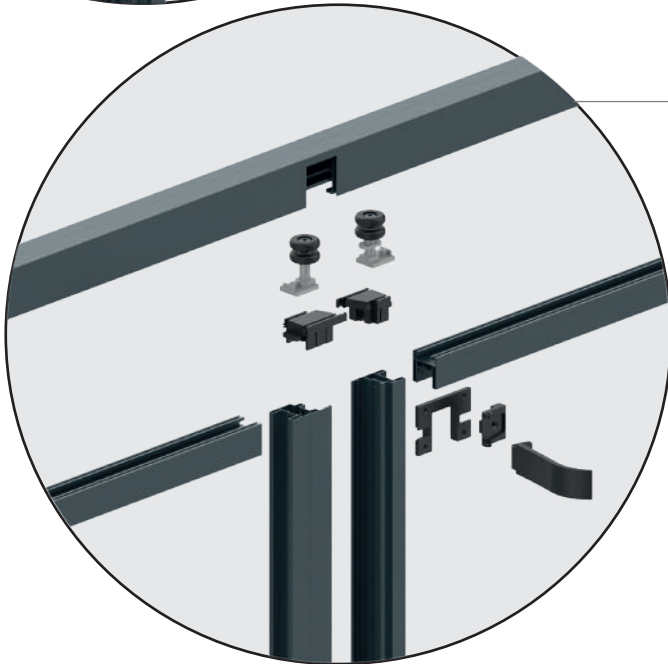
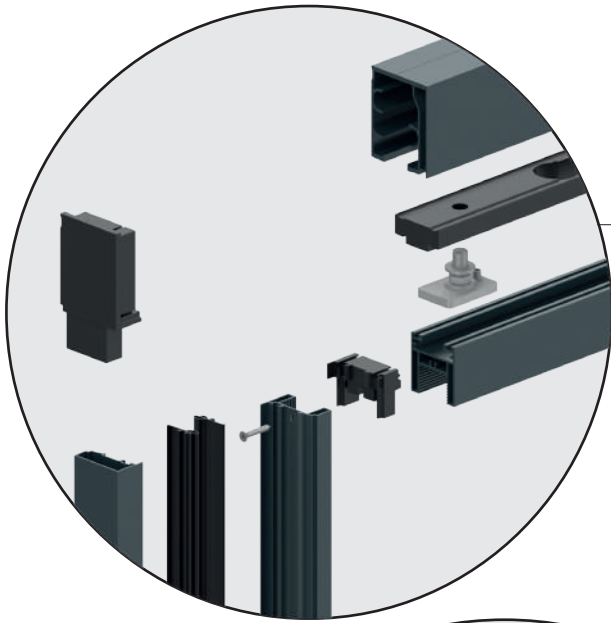


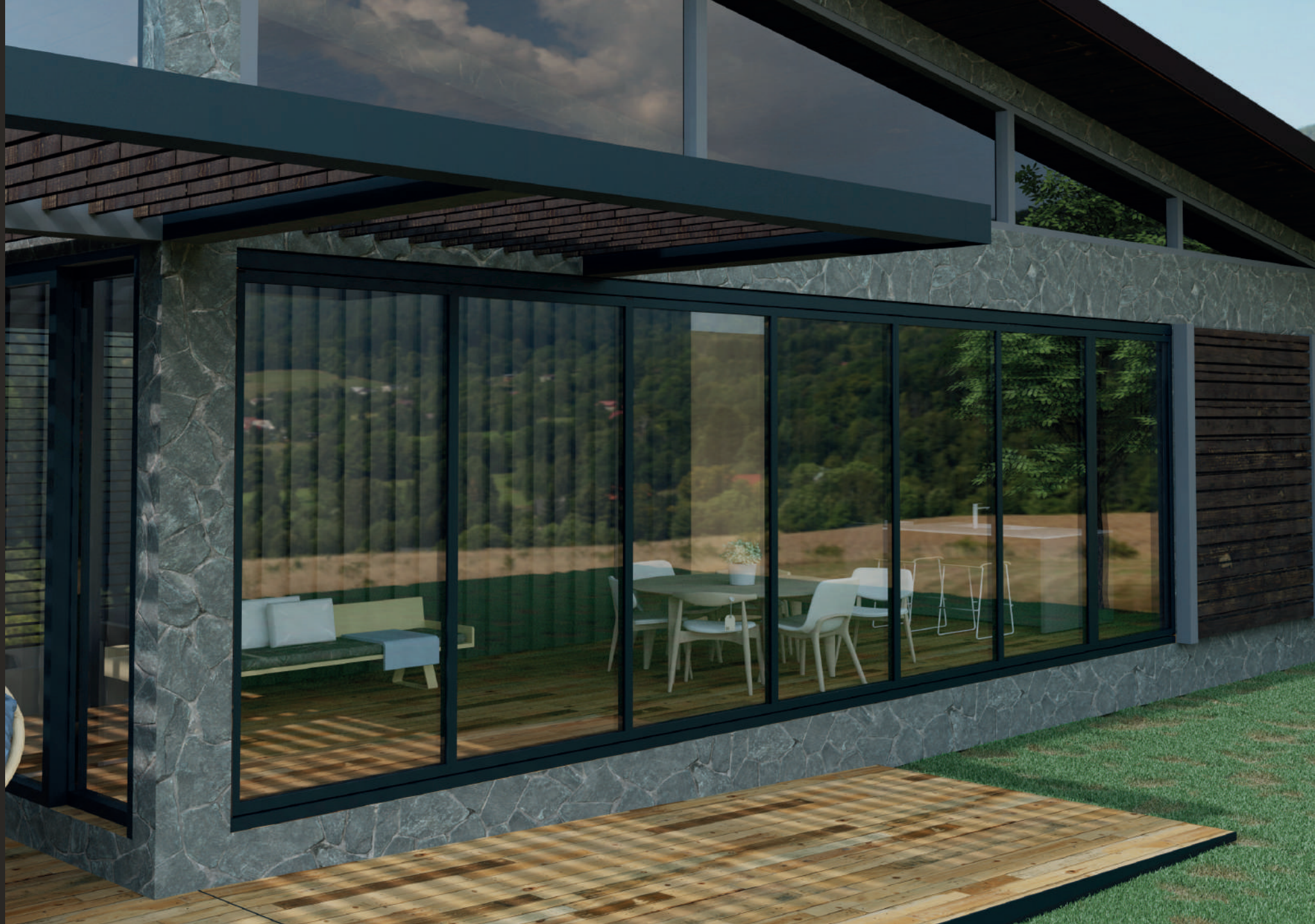
FLEXA Kol
FLEXA Arm

Kod
Code

MB-8







6063-T6 ALUMINUM

Malzeme ve teknik okuma rehberi / Material & specification guide

PROFILE MATERIAL

Aluminum extrusions: 6063-T6. Glass, steel hardware, seals and other components retain their specified materials.

Alüminyum ekstrüzyon profiller: 6063-T6. Cam, çelik aksesuar, conta ve diğer parçalar belirtilen malzemeleriyle kullanılır.

ALLOY & TEMPER

6063 is an aluminum-magnesium-silicon alloy used for architectural extrusions. T6 denotes solution heat treatment and artificial aging.

6063, mimari profillerde kullanılan alüminyum-magnezyum-silisyum alaşımıdır. T6, çözeltiye alma ve yapay yaşlandırma durumunu tanımlar.

READING THE DRAWINGS

Profile dimensions and product codes are shown with each detail. kg/m denotes profile mass per meter; it is not a structural load rating.

Profil ölçüleri ve ürün kodları ilgili detaylarda gösterilir. kg/m, profilin metre başına kütlesidir; taşıma kapasitesi değildir.

PROJECT PERFORMANCE

Allowable spans, glazing, connections, anchors and operating limits must be selected together for the project conditions.

İzin verilen açıklık, cam, bağlantı, ankraj ve çalışma sınırları proje koşullarına göre birlikte belirlenir.

Material terminology: Hydro, 6063 alloy; thyssenkrupp, 6063 material data sheet. Product certification is separate.

CARE & PROJECT SELECTION

Bakım ve proje seçimi

FINISH SELECTION

Confirm the finish code, texture and gloss using a physical sample. Printed and screen colors are illustrative.

Renk kodunu, dokuyu ve parlaklığı fiziksel numune ile doğrulayın. Baskı ve ekran renkleri temsildir.

ROUTINE CARE

Use a soft cloth and a mild, non-abrasive cleaner compatible with the finish. Keep accessible tracks and drainage paths clear. Follow component instructions.

Yüzeye uygun, aşındırıcı olmayan hafif temizleyici ve yumuşak bez kullanın. Erişilebilir ray ve tahliye kanallarını açık tutun. Bileşen talimatlarına uyun.

OPERATION

Follow the product operating instructions. Keep moving parts clear and stop use if panels, guides or hardware are damaged.

Ürün kullanım talimatlarına uyun. Hareket alanlarını açık tutun; panel, kılavuz veya aksesuarda hasar varsa kullanımı durdurun.

PROJECT DOCUMENTS

Confirm the opening dimensions, installation surfaces, selected components and approved drawings before fabrication.

Üretim öncesinde açıklık ölçülerini, montaj yüzeylerini, seçilen bileşenleri ve onaylı çizimleri doğrulayın.

LATVERA

FACADE & OUTDOOR LIVING SOLUTIONS

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MM (FEET-INCH)

Metric dimensions govern fabrication. Imperial values in parentheses are approximate references.

Primary unit: mm. Values ≥ 800 mm: nearest 1/16 in. Smaller values: decimal inches to 0.001 in. P = source drawing page.

1.2 mm ($\approx 0'-0.047''$)	P9,10
1.5 mm ($\approx 0'-0.059''$)	P8
1.6 mm ($\approx 0'-0.063''$)	P8
1.7 mm ($\approx 0'-0.067''$)	P8
23.153 mm ($\approx 0'-0.912''$)	P10
24 mm ($\approx 0'-0.945''$)	P11
25.553 mm ($\approx 0'-1.006''$)	P9
39.32 mm ($\approx 0'-1.548''$)	P8,9,10
40 mm ($\approx 0'-1.575''$)	P8
44.445 mm ($\approx 0'-1.750''$)	P10
50.265 mm ($\approx 0'-1.979''$)	P8
52.5 mm ($\approx 0'-2.067''$)	P9
53.526 mm ($\approx 0'-2.107''$)	P10
54.465 mm ($\approx 0'-2.144''$)	P8
62.168 mm ($\approx 0'-2.448''$)	P8
65.778 mm ($\approx 0'-2.590''$)	P9
90 mm ($\approx 0'-3.543''$)	P8
800 mm ($\approx 2'-7 \frac{1}{2}''$)	P4
2500 mm ($\approx 8'-2 \frac{7}{16}''$)	P4

Ölçüler mm esaslıdır. Parantez içi feet-inch değerleri yuvarlatılmıştır; üretim ölçüsü olarak kullanılmaz.

FINISH & PROJECT SPECIFICATION

Renk, sipariş ve proje hazırlığı | Selected design direction; final configuration by project.

MATERIAL & FINISH

6063-T6 ALUMINUM PROFILES

Use the confirmed alloy/temper for aluminum profiles. Record profile code, wall thickness and material certificate in the order file.

Alüminyum profil malzemesi teyittir. Kesit, et kalınlığı ve sertifika sipariş dosyasında eşleştirilir.

SELECTED FINISH DIRECTION

Primary: RAL 7016 - Anthracite grey
Alternates: RAL 9005 - Jet black
RAL 9016 - Traffic white
Design preference: matte powder-coated finish.

Tasarım tercihi: mat antrasit; siyah ve beyaz alternatif. Üretilirlik ve kaplama sistemi tedarikçiyile, renk ve doku fiziksel numuneyle kesinleştirilir.

These are proposed finish selections, not confirmed stock options. Printed/screen colors do not replace a physical sample.

SYSTEM ORDERING NOTES

FOLDING GLASS PANELS

Show panel count, folding direction, stacking position and clear passage.

Kanat adedi, katlanma yönü, toplama alanı ve net geçiş açıklığı.

GLASS & HARDWARE

Retain the system-specific glazing build-up shown in the catalog. Schedule panel size, glass treatment, edge details and matching hardware.

Cam bileşimi, temper/laminasyon, kenarlar ve donanım proje bazında belgelenir. Bir sistemin camı diğerine aktarılmaz.

Production dimensions: mm. Parenthesized feet-inch values are approximate. Use the dimension reference appendix for drawing-page conversions.

PERFORMANCE & SCOPE

PROJECT PERFORMANCE

Wind, snow and uplift ratings require a site-specific design or an applicable tested assembly. Published dimensions alone do not establish load capacity.

Yük ve kullanım sınırları proje/ürün belgesiyle belirlenir. 6063-T6 tanımı tek başına sistem kapasitesi belgesi değildir.

OPERATION & CARE

For powered configurations, identify the drive, controller, supply voltage/frequency and U.S. suitability before purchase. Motor lift capacity is separate from wind resistance.

Bakım: uygun üretici talimatını izle; drenaj ve hareket yollarını temiz tut. Hasarlı, sıkışmış veya buzlanmış hareketli sistemi çalıştırma.

Supply, installation, freight, electrical work, permits and warranty coverage are defined in the written project offer. This catalog does not set a warranty duration or add commercial scope.

TECHNICAL DATA | FLEXA

Katalog kaynaklı teknik bilgi özeti / Source-backed component and system references

Panel size

Catalog maximum single panel: 800 × 2500 mm (approx. 2'-7 1/2" × 8'-2 7/16").

Source PDF
p. 4

Panel configurations

Illustrated layouts: 1, 3, 4, 5, 6 and 7 panels. These are panel counts, not glazing layers.

Source PDF
p. 4

Finish reference

Source identifies RAL color selection. Confirm color and finish on a physical sample before production.

Source PDF
p. 4

SPECIFICATION BASIS

Aluminum profiles: 6063-T6, per LATVERA supplier confirmation. Referenced certificate file 25 was not received or verified with this set. Component options and catalog masses do not establish site-specific structural or lifting capacity. Primary dimensions are mm; imperial values are approximate.