

PETRA

20 mm Sliding Glass System

20 mm Sürme Cam Sistemi

20 mm (approx. 0'-0.787")



6063-T6 ALUMINUM PROFILES

TECHNICAL CATALOG | MM (FEET-INCH)

PETRA ISICAMLI SÜRME CAM SİSTEMLERİ

PETRA SLIDING 20MM GLASS SYSTEMS



ISICAMLI SÜRME CAM SİSTEMİ, ENERJİ TASARRUFU SAĞLAMAK AMACIYLA TASARLANMIŞ VE GELİŞTİRİLMİŞ BİR CAM SİSTEMİDİR.

ISICAMLI CAMLAR, SÜRME CAM SİSTEMLERİNDE KULLANILARAK PENCERELER VEYA KAPILAR GİBİ ALANLARDA HAREKETLİ BİR YAPI OLUŞTURULMASINI SAĞLAR.

ISICAMLI SÜRME CAM SİSTEMLERİ, ENERJİ VERİMLİLİĞİNİ ARTIRARAK ISITMA VE SOĞUTMA MALİYETLERİNİ AZALTIR. BU DA KULLANICIYA UZUN VADEDE ENERJİ TASARRUFU SAĞLAR.

LATVERA Architectural Systems | www.latvera.com

THE INSULATED SLIDING GLASS SYSTEM IS DESIGNED AND DEVELOPED WITH THE AIM OF ENERGY SAVING.

INSULATED GLASSES, WHEN USED IN SLIDING GLASS SYSTEMS, ENABLE THE CREATION OF A MOVABLE STRUCTURE IN AREAS SUCH AS WINDOWS OR DOORS.

INSULATED SLIDING GLASS SYSTEMS INCREASE ENERGY EFFICIENCY, THEREBY REDUCING HEATING AND COOLING COSTS. THIS PROVIDES LONG-TERM ENERGY SAVINGS FOR THE USER.



Outdoor Of Art
Dış Mekanda Sanat



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.

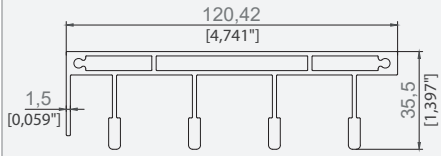
SYSTEM CONFIGURATION

20 mm glazing system with sliding panels and dedicated frame profiles.

20 mm cam konfigürasyonuna yönelik sürme kanatlar ve çerçeve profilleri.

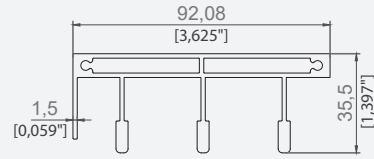






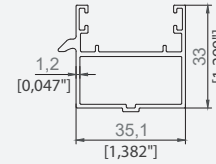
DÖRTLÜ ÜST RAY PROFİLİ
FOUR TOP RAIL PROFILE

ÜRÜN KODU / PRODUCT CODE	2470
AĞIRLIK / WEIGHT	2,092 KG/M 4,612 LB/M



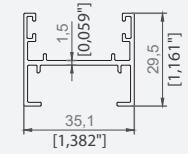
ÜÇLÜ ÜST RAY PROFİLİ
THREE TOP RAIL PROFILE

ÜRÜN KODU / PRODUCT CODE	2469
AĞIRLIK / WEIGHT	1,631 KG/M 3,596 LB/M



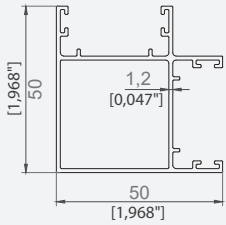
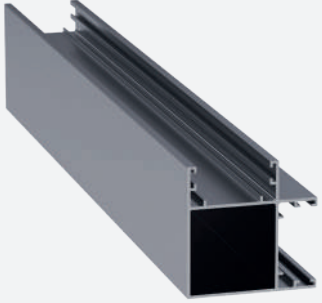
SON PANEL PROFİLİ
SIDE PANEL PROFILE

ÜRÜN KODU / PRODUCT CODE	3268
AĞIRLIK / WEIGHT	0,556 KG/M 1,226 LB/M



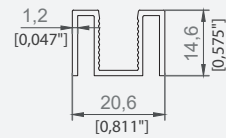
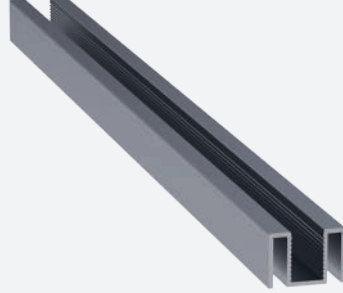
ORTA PANEL BİRLEŞTİRME PROFİLİ
MIDDLE PANEL CONNECTION PROFILE

ÜRÜN KODU / PRODUCT CODE	3270
AĞIRLIK / WEIGHT	0,417 KG/M 0,919 LB/M



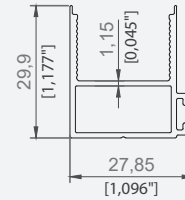
KÖŞE PANEL PROFİLİ
CORNER PANEL PROFILE

ÜRÜN KODU / PRODUCT CODE	3271
AĞIRLIK / WEIGHT	0,743 KG/M 1,638 LB/M



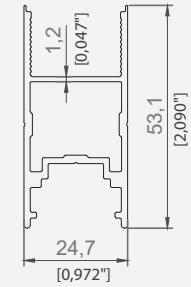
8MM CAM ADAPTÖRÜ
8MM GLASS ADAPTER

ÜRÜN KODU / PRODUCT CODE	3269
AĞIRLIK / WEIGHT	0,233 KG/M 0,514 LB/M



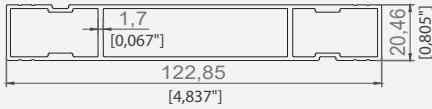
CAM PANEL YAN PROFİLİ
GLASS PANEL SIDE PROFILE

ÜRÜN KODU / PRODUCT CODE	2467
AĞIRLIK / WEIGHT	0,407 KG/M 0,897 LB/M



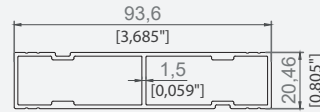
İSPANYOLET PROFİLİ
ESPAGNOLETTE PROFILE

ÜRÜN KODU / PRODUCT CODE	3568
AĞIRLIK / WEIGHT	0,675 KG/M 1,488 LB/M



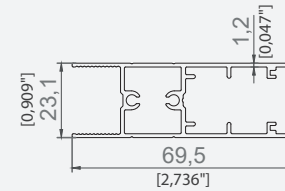
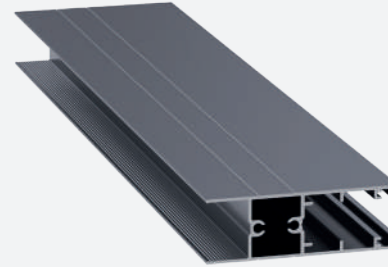
DÖRTLÜ YAN RAY PROFİLİ
FOUR RAIL SIDE PROFILE

ÜRÜN KODU / PRODUCT CODE	2376
AĞIRLIK / WEIGHT	1,266 KG/M 2,791 LB/M



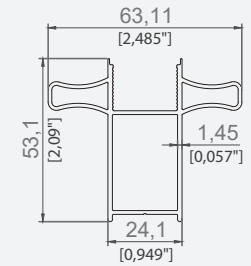
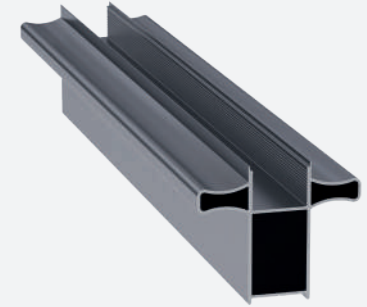
ÜÇLÜ YAN RAY PROFİLİ
THREE RAIL SIDE PROFILE

ÜRÜN KODU / PRODUCT CODE	2357
AĞIRLIK / WEIGHT	0,962 KG/M 2,121 LB/M



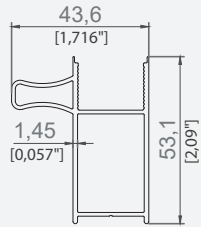
CAM PANEL ALT VE ÜST PROFİLLERİ
GLASS PANEL BOTTOM AND TOP PROFILES

ÜRÜN KODU / PRODUCT CODE	2356
AĞIRLIK / WEIGHT	0,764 KG/M 1,684 LB/M



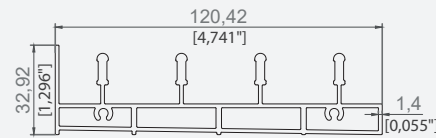
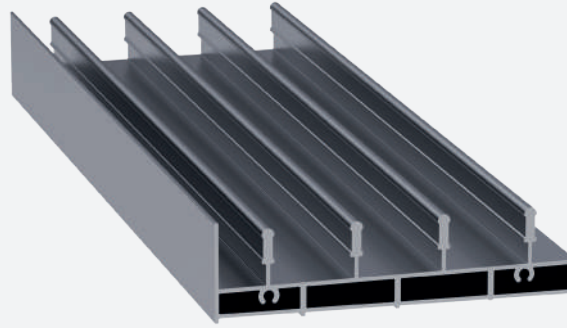
KULPLU PANEL PROFİLİ
GLASS PANEL HANDLE PROFILE

ÜRÜN KODU / PRODUCT CODE	3215
AĞIRLIK / WEIGHT	0,848 KG/M 1,87 LB/M



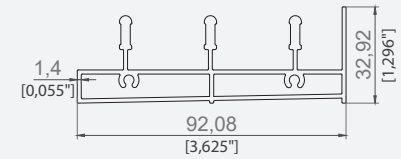
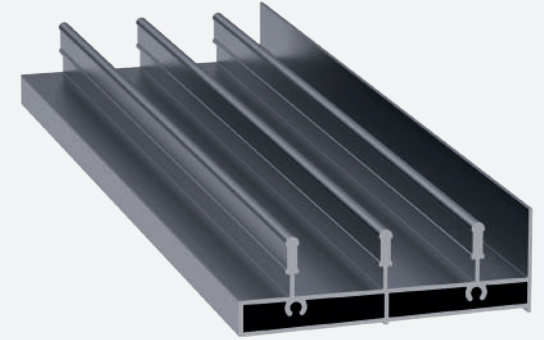
TEK KULPLU PANEL PROFİL
GLASS PANEL SINGLE HANDLE PROFILE

ÜRÜN KODU / PRODUCT CODE	3216
AĞIRLIK / WEIGHT	0,702 KG/M 1,548 LB/M



DÖRTLÜ ALT RAY PROFİLİ
FOUR RAIL BOTTOM PROFILE

ÜRÜN KODU / PRODUCT CODE	2377
AĞIRLIK / WEIGHT	1,818 KG/M 4,008 LB/M



ÜÇLÜ ALT RAY PROFİLİ
THREE RAIL BOTTOM PROFILE

ÜRÜN KODU / PRODUCT CODE	2355
AĞIRLIK / WEIGHT	1,369 KG/M 3,018 LB/M



PETRA 3'LÜ ISICAMLI SÜRME
SİSTEMİ AKSESUAR TAKIMI

PETRA 3 PIECE 20MM GLASS
SLIDING SYSTEM ACCESSORY
SET



KULPLU TAPA PLASTİĞİ (ALT-ÜST)
PLASTIC PLUG WITH HANDLE (TOP-BOTTOM)

KOD / CODE
ADET / PIECE

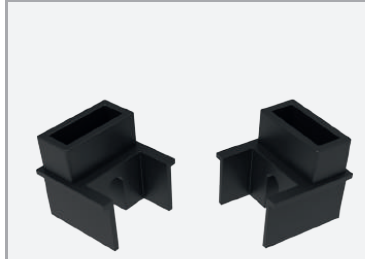
SRM-30-1
4



KULPLU ALT-ÜST PLASTİK TAKOZ
UPPER-LOWER PLASTIC WEDGE WITH HANDLES

KOD / CODE
ADET / PIECE

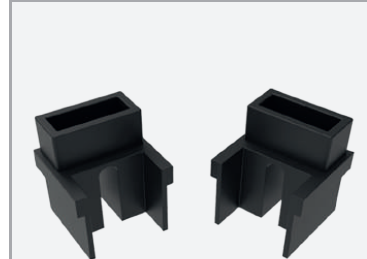
SRM-30-2
2



YAN BAZA PLASTİĞİ ÜST TAKOZU
SIDE BASE PLASTIC TOP WEDGE

KOD / CODE
ADET / PIECE

SRM-30-3
2



YAN BAZA PLASTİĞİ ALT TAKOZU
SIDE BASE PLASTIC BOTTOM WEDGE

KOD / CODE
ADET / PIECE

SRM-30-4
2



3'LÜ ÜST KÖŞE TAKOZU
3 PIECE UPPER CORNER WEDGE

KOD / CODE
ADET / PIECE

SRM-30-5
2



3'LÜ ALT KÖŞE TAKOZU
3 PIECE BOTTOM CORNER WEDGE

KOD / CODE
ADET / PIECE

SRM-30-6
2



ÜST TOZLUK
TOP LEGGINGS

KOD / CODE
ADET / PIECE

SRM-30-7
2



ALT TOZLUK
BOTTOM LEGGINGS

KOD / CODE
ADET / PIECE

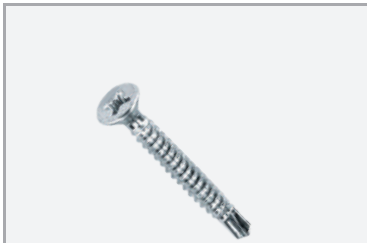
SRM-30-8
2



KANAT KLAVUZ PLASTİĞİ
WING GUIDE PLASTIC

KOD / CODE
ADET / PIECE

SRM-30-9
12



4,8X32 HAVŞA BAŞLI AKILLI VİDA
4,8X32 COUNTERSUNK HEAD SMART SCREW

KOD / CODE
ADET / PIECE

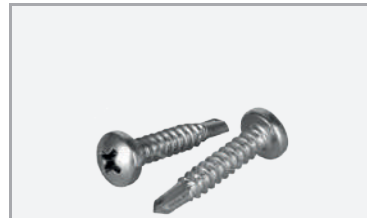
SRM-40
10



SÜRME TEKER (YEŞİL)
SLIDING WHEEL (GREEN)

KOD / CODE
ADET / PIECE

SRM-21
6



3,9X16 TOP BAŞLI AKILLI VİDA
3,9X16 BALL HEAD SMART SCREW

KOD / CODE
ADET / PIECE

SRM-39
58



PETRA 4'LÜ ISICAMLI SÜRME
SİSTEMİ AKSESUAR TAKIMI

PETRA 4 PIECE 20MM GLASS
SLIDING SYSTEM ACCESSORY
SET



KULPLU TAPA PLASTİĞİ (ALT-ÜST)
PLASTIC PLUG WITH HANDLE (TOP-BOTTOM)

KOD / CODE
ADET / PIECE

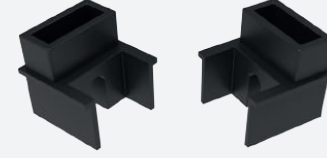
SRM-31-1
8



KULPLU ALT-ÜST PLASTİK TAKOZ
UPPER-LOWER PLASTIC WEDGE WITH HANDLES

KOD / CODE
ADET / PIECE

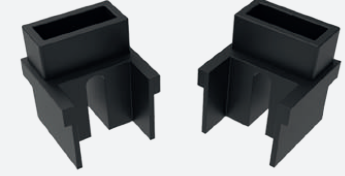
SRM-31-2
4



YAN BAZA PLASTİĞİ ÜST TAKOZU
SIDE BASE PLASTIC TOP WEDGE

KOD / CODE
ADET / PIECE

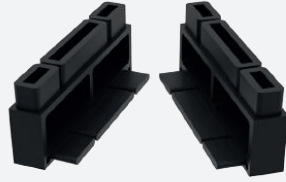
SRM-31-3
2



YAN BAZA PLASTİĞİ ALT TAKOZU
SIDE BASE PLASTIC BOTTOM WEDGE

KOD / CODE
ADET / PIECE

SRM-31-4
2



4'LÜ ÜST KÖŞE TAKOZU
4 PIECE UPPER CORNER WEDGE

KOD / CODE
ADET / PIECE

SRM-31-5
2



4'LÜ ALT KÖŞE TAKOZU
4 PIECE BOTTOM CORNER WEDGE

KOD / CODE
ADET / PIECE

SRM-31-6
2



ÜST TOZLUK
TOP LEGGINGS

KOD / CODE
ADET / PIECE

SRM-31-7
3



ALT TOZLUK
BOTTOM LEGGINGS

KOD / CODE
ADET / PIECE

SRM-31-8
3



KANAT KLAVUZ PLASTİĞİ
WING GUIDE PLASTIC

KOD / CODE
ADET / PIECE

SRM-31-9
16



4,8X32 HAVŞA BAŞLI AKILLI VİDA
4,8X32 COUNTERSUNK HEAD SMART SCREW

KOD / CODE
ADET / PIECE

SRM-40
10



SÜRME TEKER (YEŞİL)
SLIDING WHEEL (GREEN)

KOD / CODE
ADET / PIECE

SRM-21
8



3,9X16 TOP BAŞLI AKILLI VİDA
3,9X16 BALL HEAD SMART SCREW

KOD / CODE
ADET / PIECE

SRM-39
70



PETRA ISICAMLI SÜRME
SİSTEMİ AKSESUAR TAKIMI

PETRA 20MM GLASS SLIDING
SYSTEM ACCESSORY SET



6,7 - 550 KIL FİTİL
6,7 - 550 BRISTLE WICK

KOD / CODE
ADET / PIECE

SRM-14
-



PETRA KÖŞE ALT-ÜST BİRLEŞİM PLASTİĞİ
PETRA CORNER BOTTOM-TOP JOINT PLASTIC

KOD / CODE
ADET / PIECE

SRM-33
1



DÜZ KİLİT
FLAT LOCK

KOD / CODE
ADET / PIECE

SRM-34
1



YAYLI KİLİT
SPRING LOCK

KOD / CODE
ADET / PIECE

SRM-35
1



GAGALI KİLİT
BEAK LOCK

KOD / CODE
ADET / PIECE

TUBA-4
1

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 temsilidir.

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.

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127 US-130, Bordentown, NJ 08505, USA

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.

1.15 mm ($\approx 0'-0.045''$)	P8	63.11 mm ($\approx 0'-2.485''$)	P9
1.2 mm ($\approx 0'-0.047''$)	P7,8,9	69.5 mm ($\approx 0'-2.736''$)	P9
1.4 mm ($\approx 0'-0.055''$)	P10	92.08 mm ($\approx 0'-3.625''$)	P7,10
1.45 mm ($\approx 0'-0.057''$)	P9,10	93.6 mm ($\approx 0'-3.685''$)	P9
1.5 mm ($\approx 0'-0.059''$)	P7,9	120.42 mm ($\approx 0'-4.741''$)	P7,10
1.7 mm ($\approx 0'-0.067''$)	P9	122.85 mm ($\approx 0'-4.837''$)	P9
8 mm ($\approx 0'-0.315''$)	P8		
14.6 mm ($\approx 0'-0.575''$)	P8		
20 mm ($\approx 0'-0.787''$)	P1,2,11,12,13		
20.46 mm ($\approx 0'-0.806''$)	P9		
20.6 mm ($\approx 0'-0.811''$)	P8		
23.1 mm ($\approx 0'-0.909''$)	P9		
24.1 mm ($\approx 0'-0.949''$)	P9		
24.7 mm ($\approx 0'-0.972''$)	P8		
27.85 mm ($\approx 0'-1.096''$)	P8		
29.5 mm ($\approx 0'-1.161''$)	P7		
29.9 mm ($\approx 0'-1.177''$)	P8		
32.92 mm ($\approx 0'-1.296''$)	P10		
33 mm ($\approx 0'-1.299''$)	P7		
35.1 mm ($\approx 0'-1.382''$)	P7		
35.5 mm ($\approx 0'-1.398''$)	P7		
43.6 mm ($\approx 0'-1.717''$)	P10		
50 mm ($\approx 0'-1.969''$)	P8		
53.1 mm ($\approx 0'-2.091''$)	P8,9,10		

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. Üretilebilirlik 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

SLIDING GLAZING

Coordinate the catalog 20 mm (approx. 0'-0.787") glazing configuration with frame and track details.

Katalogdaki cam konfigürasyonunu kasa ve raylarla eşleştir.

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 | PETRA

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

Glazing family

20 mm (approx. 0'-0.787") insulated sliding glass system.

Source PDF
p. 11, 12

Accessory sets

Separate accessory schedules for 3-panel and 4-panel assemblies.

Source PDF
p. 11, 12

Ordering reference

Match panel count to its accessory schedule; retain the specified component quantities.

Source PDF
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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.