



alüminyum giyotin pencere sistemleri  
aluminum sash window systems



motorlu giyotin pencere sistemleri  
motorized sash window systems



motorlu giyotin pencere sistemleri  
motorized sash window systems



rüzgar kırıcı sistemleri  
wind breaker systems



## DÜSEY SÜRME SİSTEMLER

VERTICAL SLIDING SYSTEMS



BEST GLOBAL  
Yapı Ürünleri





## Düşey Sürme Pencere Sistemi

Duowin®, düşey eksende çalışan, bir ya da daha fazla hareketli cam panele sahip pencere sistemidir.

### Vertical Sliding Window System

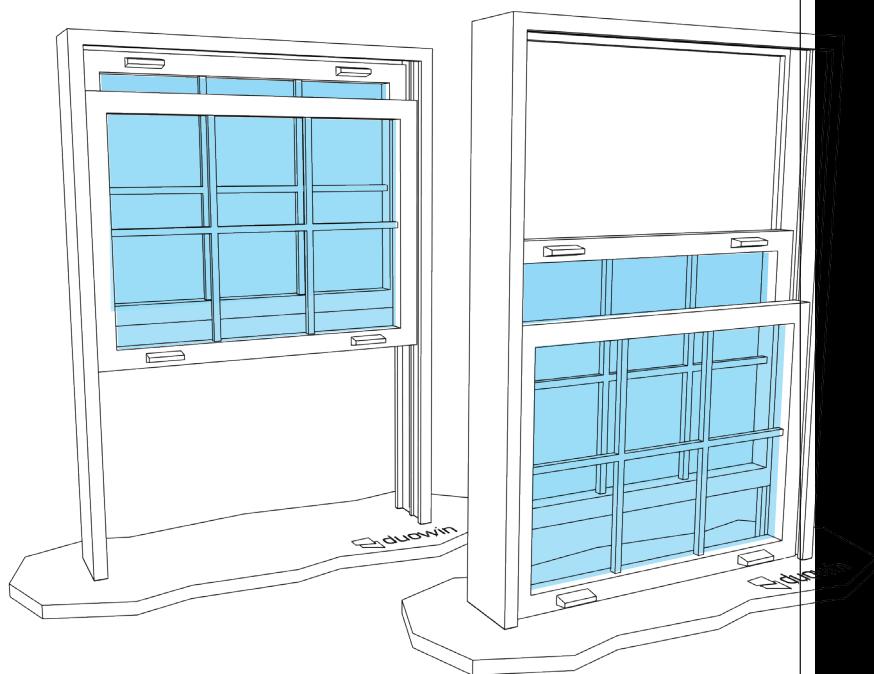
*Duowin® is a vertical sliding window system that has one or more sliding sashes.*

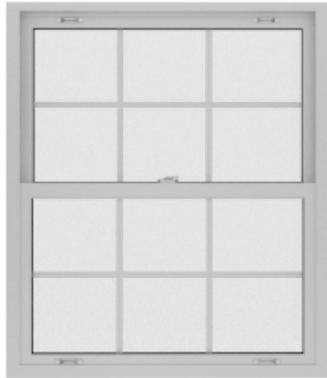
## Hareketli Kanatlar

Duowin®deki her iki kanat da birbirinden **bağımsız olarak** **hareket** edebilir.

## Movable Sashes

*Each of two sashes of Duowin® can move independently.*



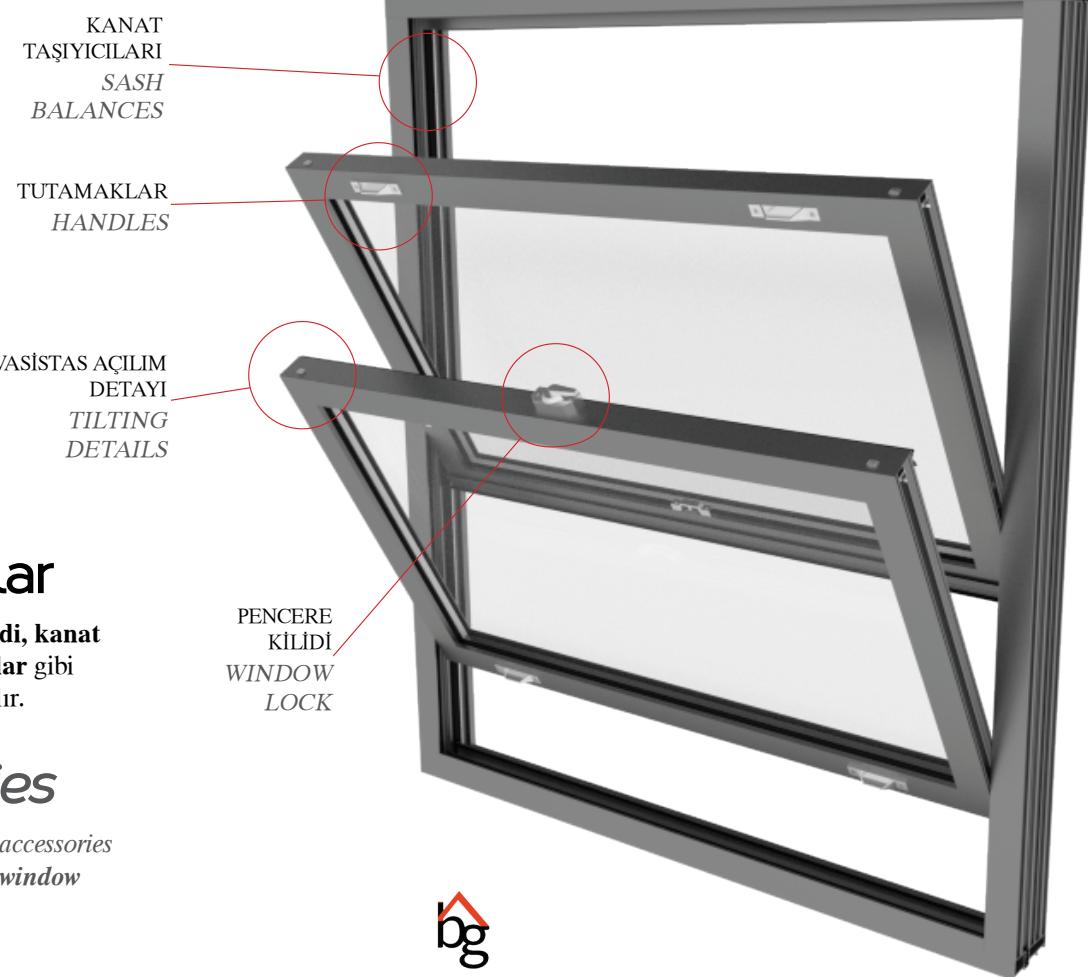


## Güvenli Kullanım

Kanatlar, **taşıyıcı mekanizmalar** sayesinde bırakılan noktada **düşmeden durabilir**. Bu özellik pencerenin **güvenli kullanımına** ve pencere kanatlarının **istenildiği kadar açılabilmesine** olanak sağlar.

## Safe Use

*Sashes could stay at the point where they are released thanks to the sash carrying mechanisms. This feature enables window to be used safely and opened up to desired height.*



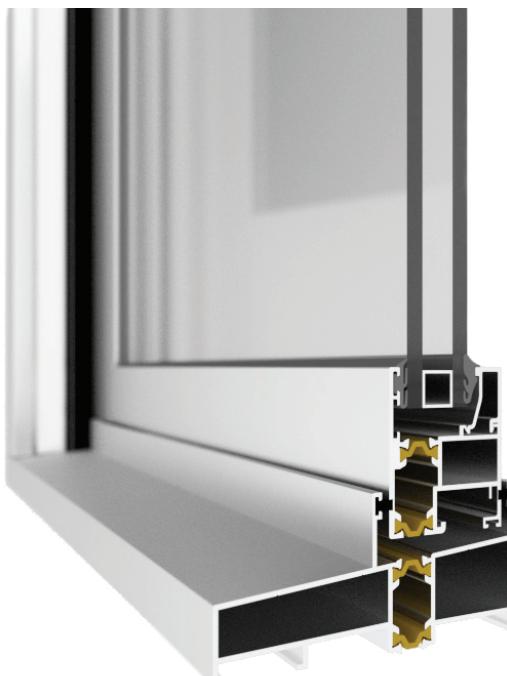
## Aksesuarlar

Duowin® pencere kilidi, kanat taşıyıcısı ve tutamaklar gibi aksesuarlar ile kullanılır.

## Accessories

Duowin® is used with accessories such as sash balances, window locks and handles.

## Isı Yalıtımı



**Isı yalıtımlı profiller** ve çift cam sayesinde farklı iklim koşullarında rahatlıkla kullanılabilir.

Isı yalıtımlı doğrama

- rüzgar dayanım gücü yüksektir,
- terleme yapmaz,
- yanın yönetmeliğine uygundur.

## Thermal Break

*Duowin® could be used under different climate conditions thanks to thermally insulated profiles and double pane glasses.*

*Thermally insulated profiles*

- have high wind resistance force,
- do not sweat,
- are appropriate to fire codes.

## Cam Seçenekleri

Farklı çift cam kombinasyonları  
ve tek cam kalınlıklarıyla  
kullanılabilen **ısı bariyerli kanat  
profilleri** sayesinde, farklı iklim  
koşullarında kullanıma uygundur.

## Glazing Options

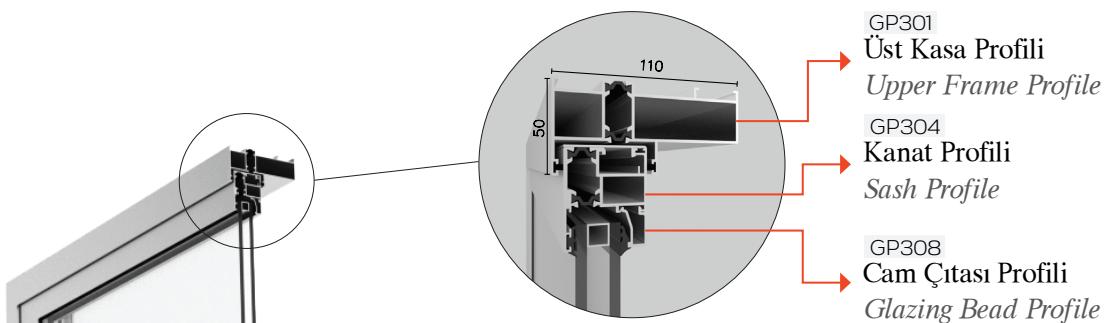
*Suitable to different climate  
conditions thanks to the thermally  
insulated glazing frame profiles  
that could be used with several  
glaze thicknesses.*



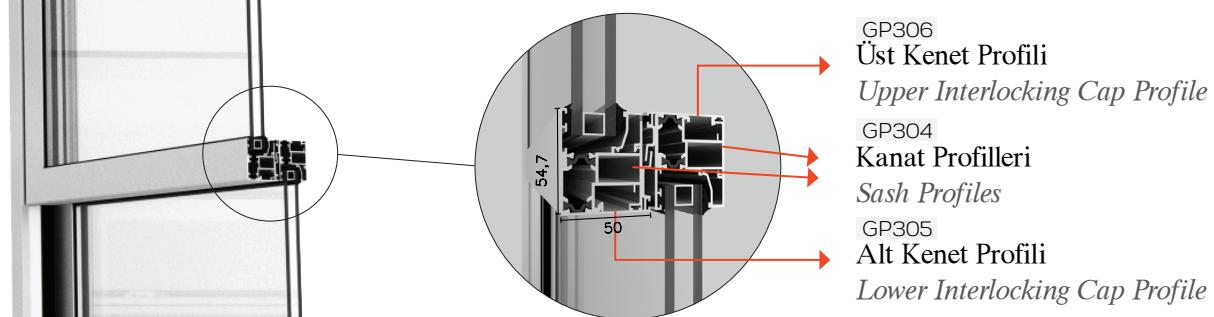
# Profil Detayları

## Profile Details

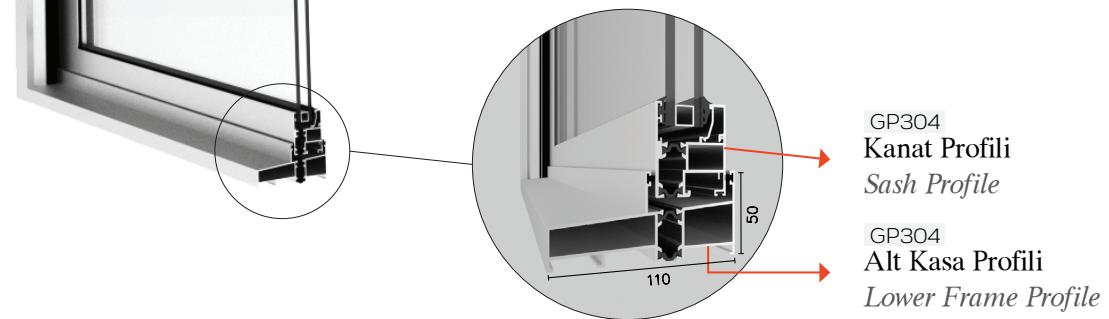
### Üst Kasa Detaylı Upper Frame Detail



### Kenetlenme Detaylı Interlocking Sash Detail



### Alt Kasa Detaylı Lower Frame Detail



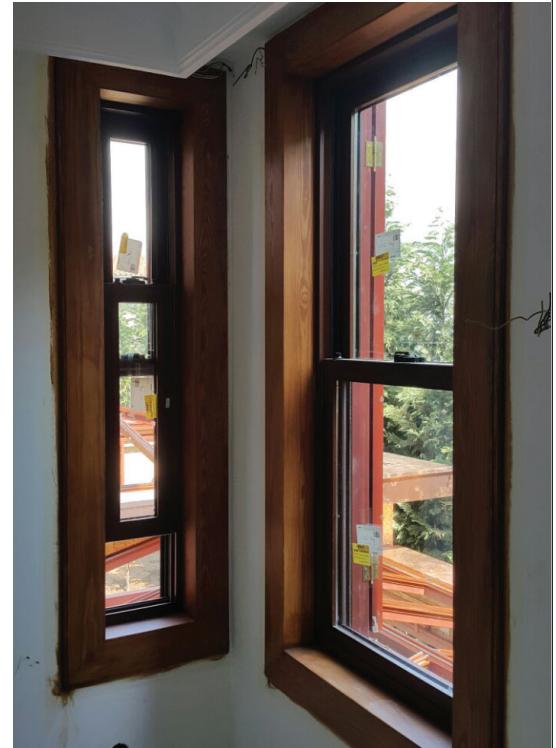


## Küçük ve Dar Alanlarda

Duowin® düşey eksende çalışan kanatları sayesinde küçük ve dar alanlardaki çözüm ortağınız.

## *Small and Narrow Spaces*

*Duowin® is a solution partner in narrow and tiny spaces thanks to vertical sliding sashes that save space.*



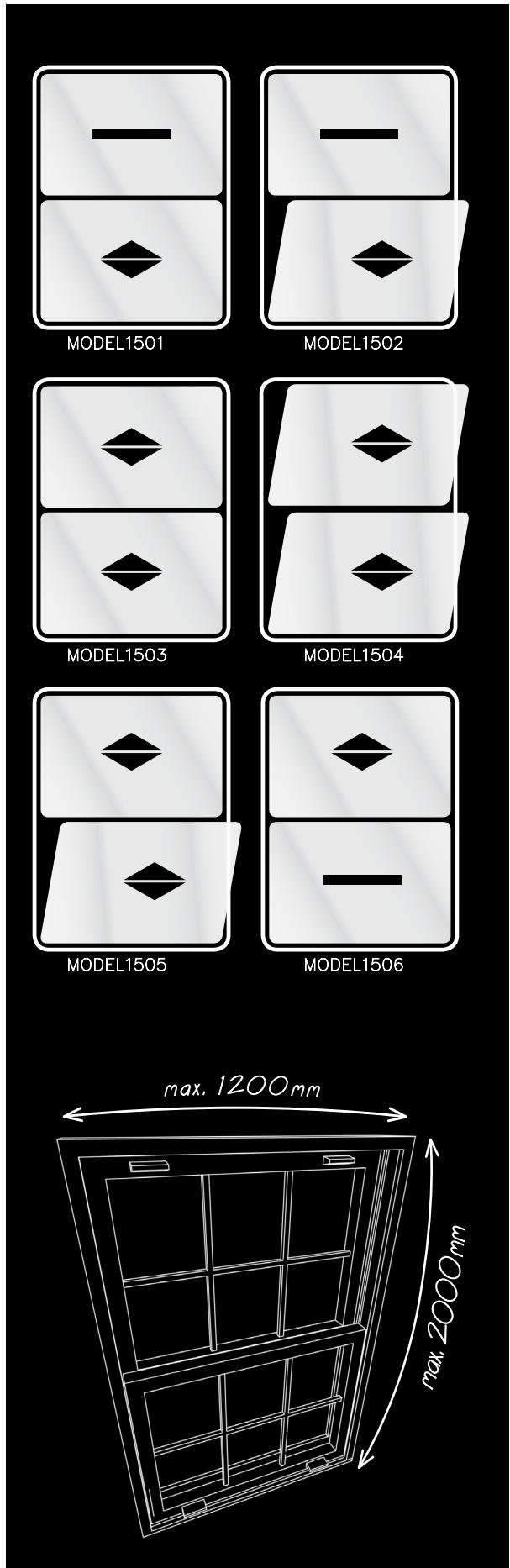
## Renk ve Yüzey Seçenekleri

Duowin® elektrostatik **toz boyama** teknolojisi sayesinde istenilen renklerde üretilabilir ya da **eloksal** kaplanabilir. **Doğal ahşap** kaplanabileceği gibi **ahşap desenli film transferi** de yapılabilir.

## *Color and Surface Options*

*Duowin® can be produced in any color thanks to powder coating and anodizing. Various decorative surface applications such as natural wood veneering and wood pattern transfer can be applied.*





## Temizlik Dostu

Duowin®de her iki kanat da vasistas açılabilir.  
Bu durum, pencere kanadının iç ve dış yüzünün rahatlıkla temizlenebilmesine olanak sağlar.

## Cleaning Friendly

*Both of the sashes of Duowin® are able to be tilted.  
This enables the outer surfaces of the window to be cleaned easily.*



**duowin** *plus*

motorlu alüminyum giyotin pencere sistemleri  
motorized aluminium sash window systems



BEST GLOBAL  
Yapı Ürünleri



## Duowin® Plus

Uluslararası kuruluş ift Rosenheim tarafından test edilen Duowin® Alüminyum Giyotin Pencere Sistemleri'nin profilleri ile yapılan **Duowin® Plus Motorlu Alüminyum Giyotin Pencere Sistemleri** kullanıldığı mekanlara yeni seçenekler getiriyor.

## Duowin® Plus

*Duowin® Plus Motorized Aluminium Vertical Sash Window Systems, which is made of ift Rosenheim tested Duowin® Aluminium Vertical Sash Window profiles, bring out new possibilities to places where it is installed.*



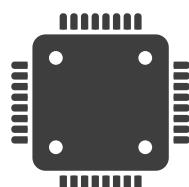
## Motor ve Kontrol

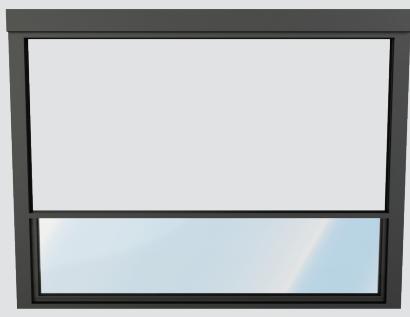
Duowin® Plus'ta, kullanılan motor **uzaktan kumanda ve mobil uygulamasıyla** kullanılabildeği gibi **gibi programlanarak** özel veya **otomatik çözümlerle** sunulabilir.

## Motor and Control



*The motor in Duowin® Plus can be used with remote control or mobile application as well as it can be programmed to serve automatic or project based solutions.*





## Açıılır Üst Kanatlar

Duowin® Plus'ta elektrikli motor ile kontrol edilen kanatlar, **aşağı ve yukarı doğru hareket edebilir**. Sabit olan alt kanat korkuluk olarak kullanılır.

## Openable Sashes

*Motorized sashes at Duowin® Plus can be moved up and down using the control units. The lower sash that is fixed, can be used as guard rail.*

## Yalıtım

Kanatlar tamamen kapandığında, kullanılan **ısı yalıtımlı alüminyum profillerle** dış ortamdan **ısı, hava ve su yalımı** sağlanır ancak Duowin® Plus ile **panoramik görüntüde kesinti olmaz**.

## Insulation

*When the sashes are closed completely, **heat, air insulation is provided by the thermally insulated aluminium profiles and double pane glasses** but the **panaromic view continues** thanks to Duowin® Plus.*

## Hareket Kontrolü

Hareketli kanatlar istenilen noktada durdurulabilir. Açılmayı kontrol edilebilen Duowin® Plus, **havalandırma** amaçlı kullanılabilir.

## Motion Control

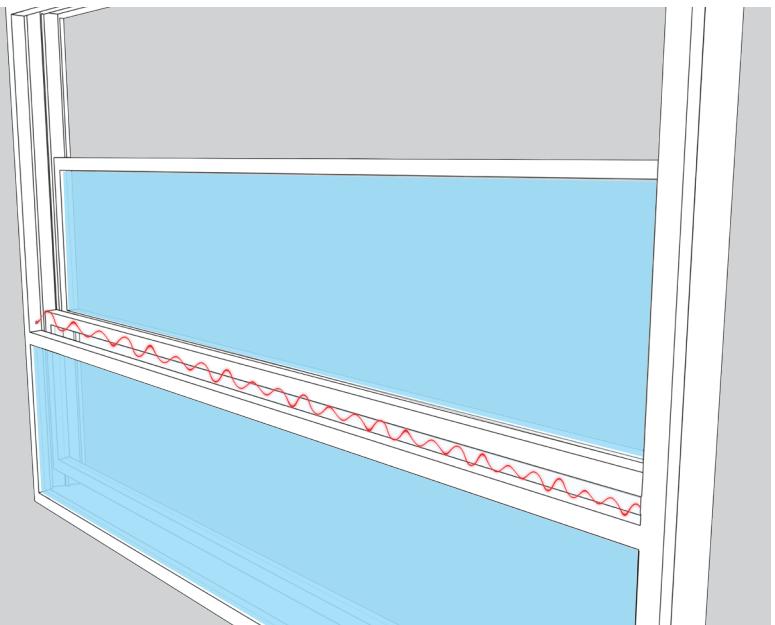
*Motorized sashes at Duowin® Plus could be controlled by control units and they can stop wherever the user wants and used for ventilation.*

## Fotosel ile Güvenli Kullanım

Hareketin güvenliği **fotosel** ile sağlanır, fotoselin sinyali kesildiğinde kanatların hareketi durur.

## Safe Use With Photocell Sensor

*Safety of sash movement is maintained by **photocell** since the movement of sashes stops when the signal is interrupted.*



## Renk ve Yüzey Seçenekleri



Duowin® Plus elektrostatik **toz boyama** teknolojisi sayesinde istenilen renklerde üretilebilir ya da **eloksal** kaplanabilir. **Doğal ahşap** kaplanabileceği gibi **ahşap desenli film transferi** de yapılabilir.

## *Color and Surface Options*

*Duowin® Plus can be produced in any color thanks to powder coating and anodizing technology. Various decorative surface applications such as natural wood veneering and wood pattern transfer can be applied.*

## DAHA GENİŞ MANZARALAR İÇİN DUOWIN® PLUS



## Cam Seçenekleri

Duowin® Plus lamine camlar dahil farklı kombinasyondaki çift camlar veya tek cam kalınlıkları ile kullanıma uygun. Proje kapsamına göre **buzlu ya da dekoratif camlar** ile kullanılabilir.

### Glazing Options

*Duowin® Plus is suitable to use with both single and double pane glazing that may have different combinations including laminated glazing. Decorative or frosted glasses can be used according to project requirements.*

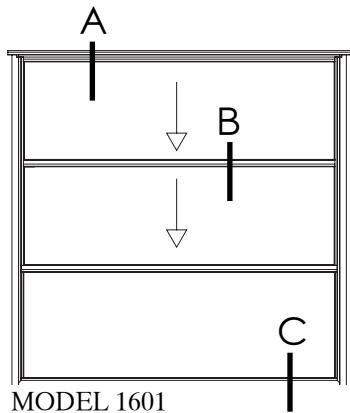


## DUOWIN® PLUS FOR WIDER PANORAMIC EXPERIENCE



# Duowin® Plus Termal Performans Değerleri

## Duowin® Plus Thermal Performance Values

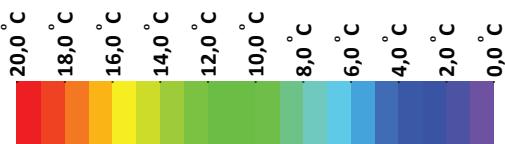


Termal hesaplamalar EN 10077-2 standardına göre; iç ortam sıcaklığı 20°C, dış ortam sıcaklığı 0°C ve bağıl nem %50 kabul edilerek yapılmıştır.

Detaylı bilgi için lütfen iletişime geçiniz.

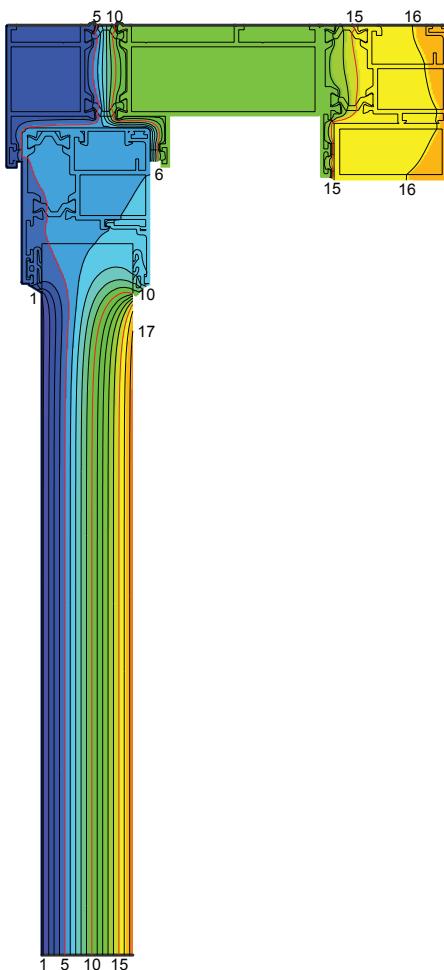
*Thermal calculations are done with the following assumptions according to EN 10077-2 standards; inner temperature is 20°C, outer temperature is 0°C and relative humidity is 50%.*

*Please contact us for detailed info.*



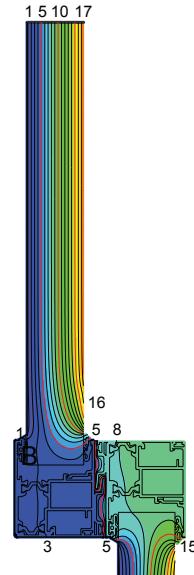
A

$$U_f = 5,767 \text{ W}/(\text{m}^2 \cdot \text{K})$$



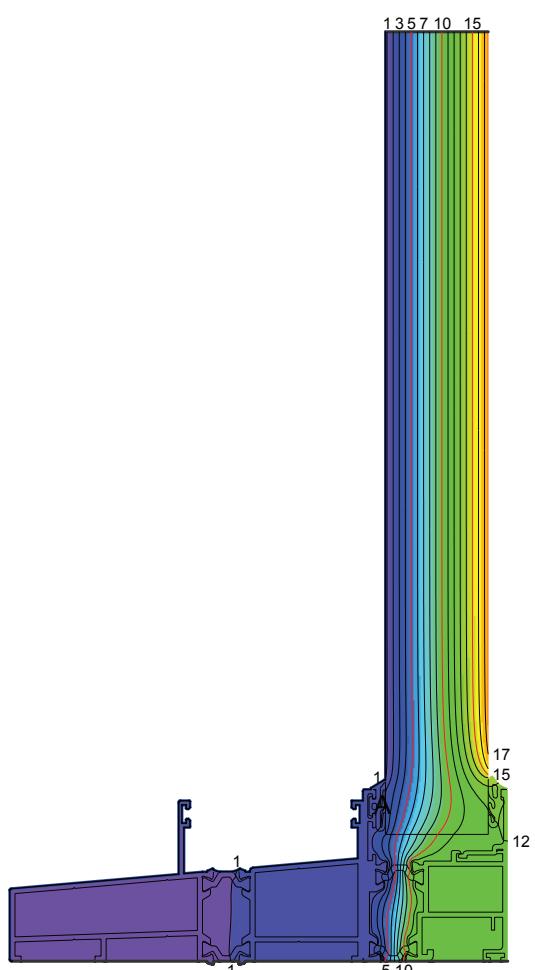
B

$$U_f = 8,284 \text{ W}/(\text{m}^2 \cdot \text{K})$$



C

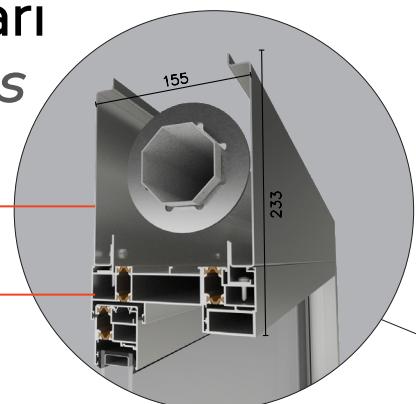
$$U_f = 3,421 \text{ W}/(\text{m}^2 \cdot \text{K})$$



# Profil Detayları

## Profile Details

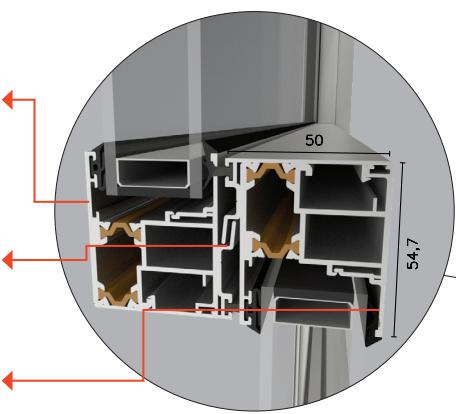
Motor Kapaması  
Motor Closure  
GP301  
Üst Kasa Profili  
Upper Frame Profile



GP304  
Kanat Profili  
Sash Profile

GP305 GP306  
Kenet Profilleri  
Clipping Profiles

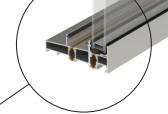
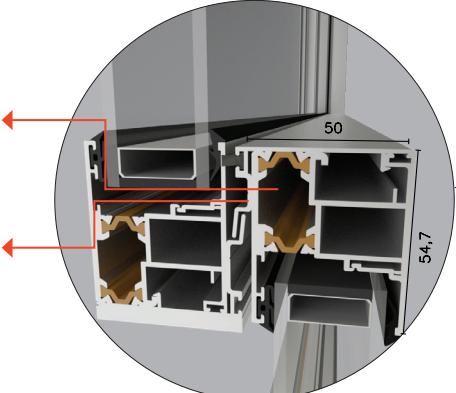
GP312  
Cam Çitası Profili  
Glazing Bead Profile



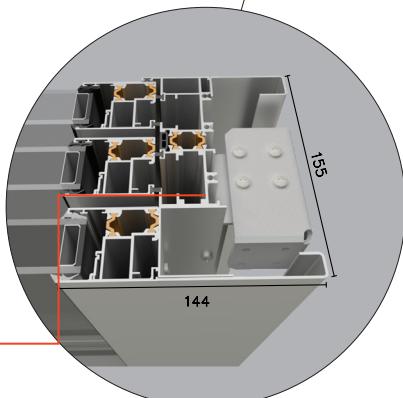
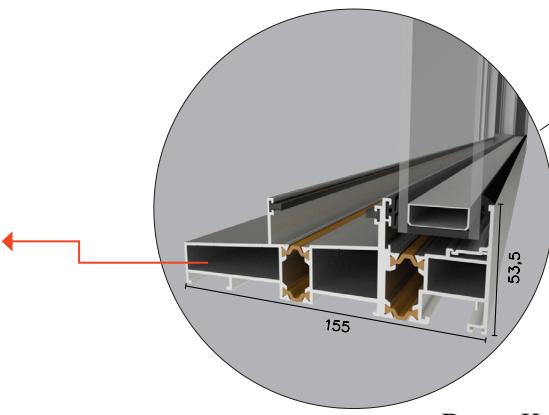
GP304  
Kanat Profili  
Sash Profile

GP306  
Kenet Profili  
Clipping Profile

GP302  
Alt Kasa Profili  
Lower Frame Profile



GP303  
Düsey Kasa Profili  
Vertical Frame Profile



## Kullanım Alanları

Duowin® Plus Alüminyum Giyotin Pencere Sistemleri, veranda, teras, cafe, restoran gibi alanlarda, kış bahçelerinde, salonlarda, otomatik havalandırma, rüzgardan korunma veya yalıtım için kullanıldığı gibi satış ve servis amaçlı yerlerde **ayırıcı** olarak kullanılabilir.

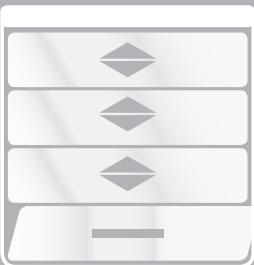
## Areas of Usage

Duowin® Plus Motorised Aluminium Vertical Sash Window Systems can be used in places such as verandas, patios, cafes, restaurants for ventilation, wind protection or insulation as well as it could be used as separators in places like shop windows.





MODEL1707



MODEL1713



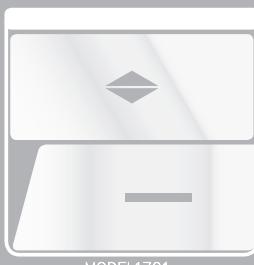
MODEL1601



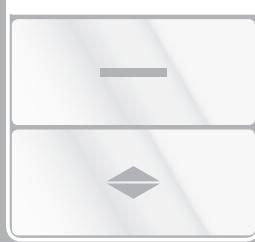
MODEL1608



MODEL1607



MODEL1701



MODEL1606







## Duowin® Plus Eco

Duowin® Plus Eco Motorlu  
Alüminyum Giyotin Pencere  
Sistemleri veranda, teras, cafe,  
restoran gibi alanlarda, kış  
bahçelerinde, büyük salonlarda,  
otomatik havalandırma, rüzgardan  
korunma veya yalıtım için  
kullanılabilir.

## Duowin® Plus Eco

Duowin® Plus Eco Motorized  
Aluminium Vertical Sash  
Window Systems can be used in  
cafes, restaurants, winter gardens,  
terraces and balconies in order  
to achieve automatic ventilation,  
heat, noise and wind insulation.



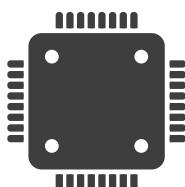
## Motor ve Kontrol

Duowin® Plus Eco'da, kullanılan  
motor **uzaktan kumanda** ve **mobil  
uygulamasıyla** kullanılabilıldığı gibi  
gibi **programlanarak** özel veya  
**otomatik çözümlerle** sunulabilir.



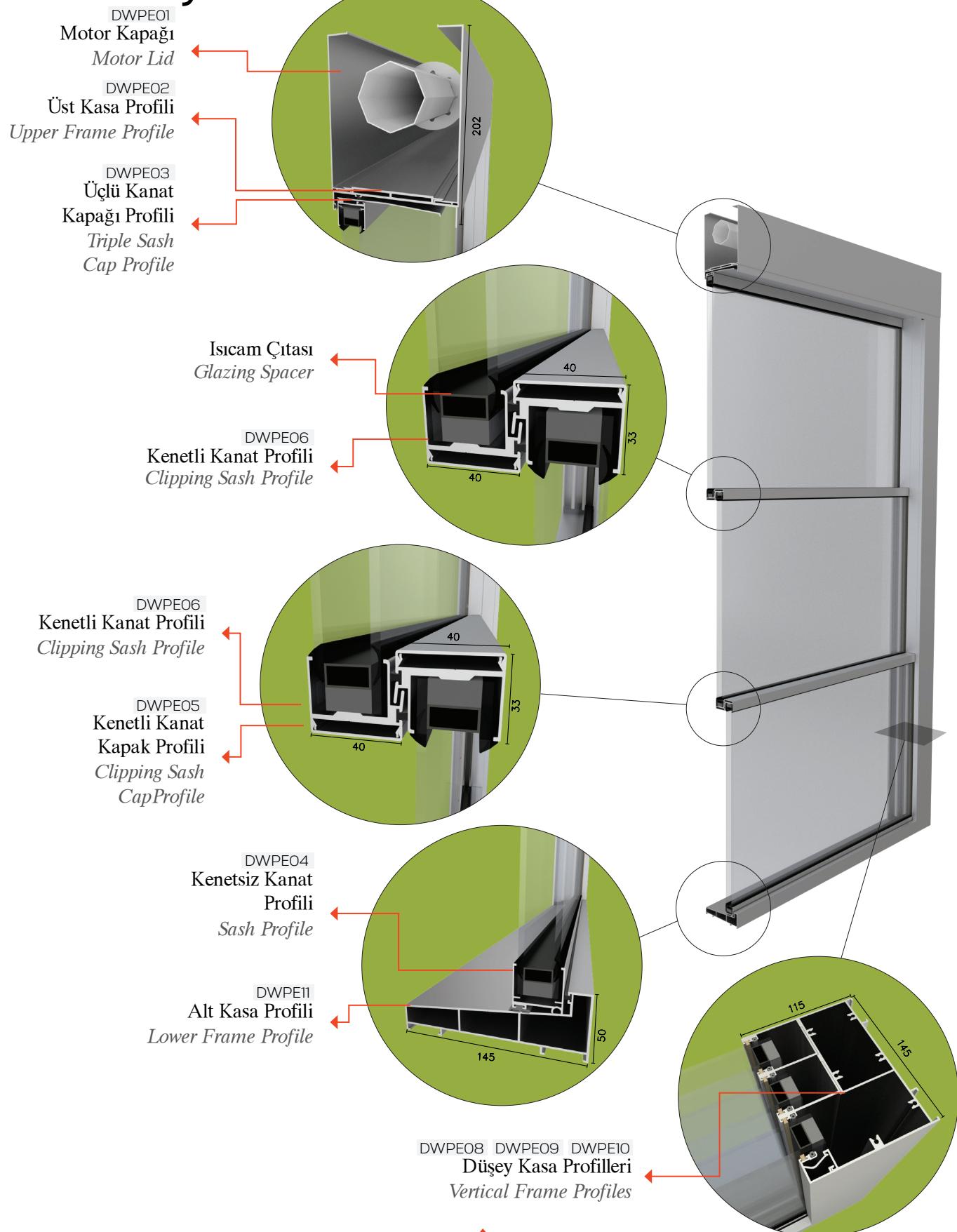
## Motor and Control

The motor in Duowin® Plus Eco  
can be used with **remote control**  
or **mobile application** as well as  
it can be programmed to serve  
**automatic** or **project based**  
solutions.



## Profile Details

### Profil Detayları





## Avantajlar

- Duowin® Plus Eco incelen profilleriyle **fiyat avantajı sağlıyor.**
- Kanatları örten hareketli kanat kapağıyla **bütüncül görünüm** elde ediliyor.
- Kullanılan 4+20+4 kombinasyonlu **çift cam ile ısı yalıtımına katkı** sağlanır.

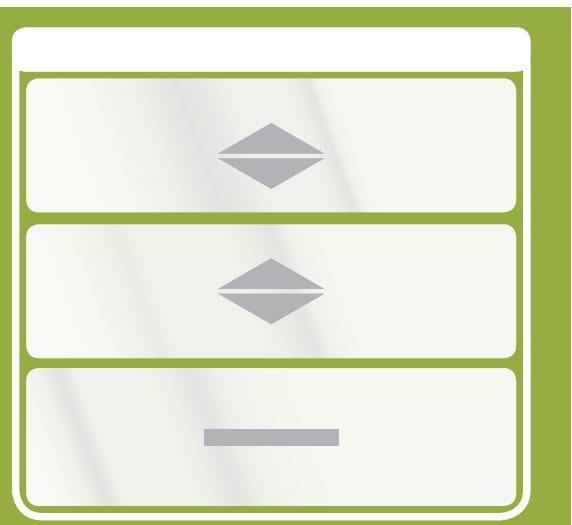
## Advantages

- *Duowin® Plus Eco offers **price advantages** with its thinner sash and frame profiles.*
- ***Solid appearance** is achieved with adjustable sash lid.*
- *Double pane glazing with 4+20+4 combination contributes to **thermal insulation**.*

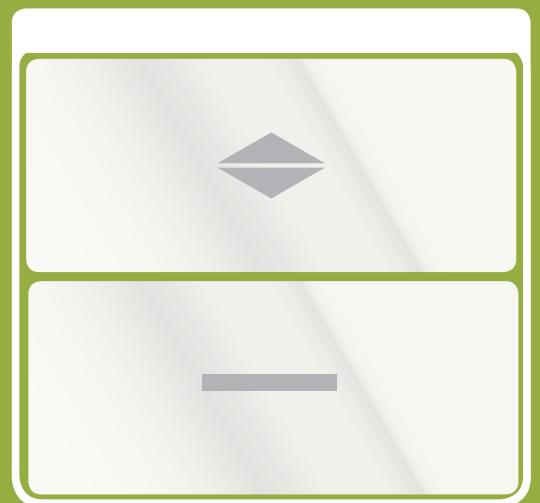


Pergola sistemleri ve fermuarlı perde kullanımına uygun.

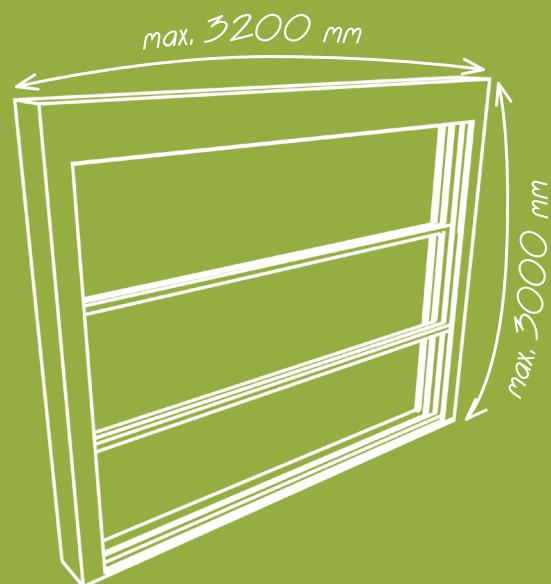
*Suitable to use under pergola systems and use with sun screens.*



MODEL1603



MODEL1708



ALÜMİNYUM RÜZGAR KIRICI SİSTEMLERİ  
ALUMINIUM WIND BREAKER SYSTEMS



BEST GLOBAL  
Yapı Ürünleri

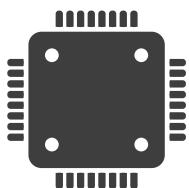


## Windshield®

Windshield® Rüzgâr Kırıcı Sistemleri, **cafe**, **restoran** veya ev gibi mekânların bahçelerinde, teraslarında, verandalarında yâ da balkonlarında rüzgârin olumsuz etkilerinden korunmanızı sağlayarak **konforlu bir mekân** yaratılmasına yardımcı olur.

## Windshield®

Windshield® Wind Breaking Systems could be used in *cafes, restaurants, terraces, gardens and balconies* for the protection from the harsh effects of winds without forsaking open air quality.



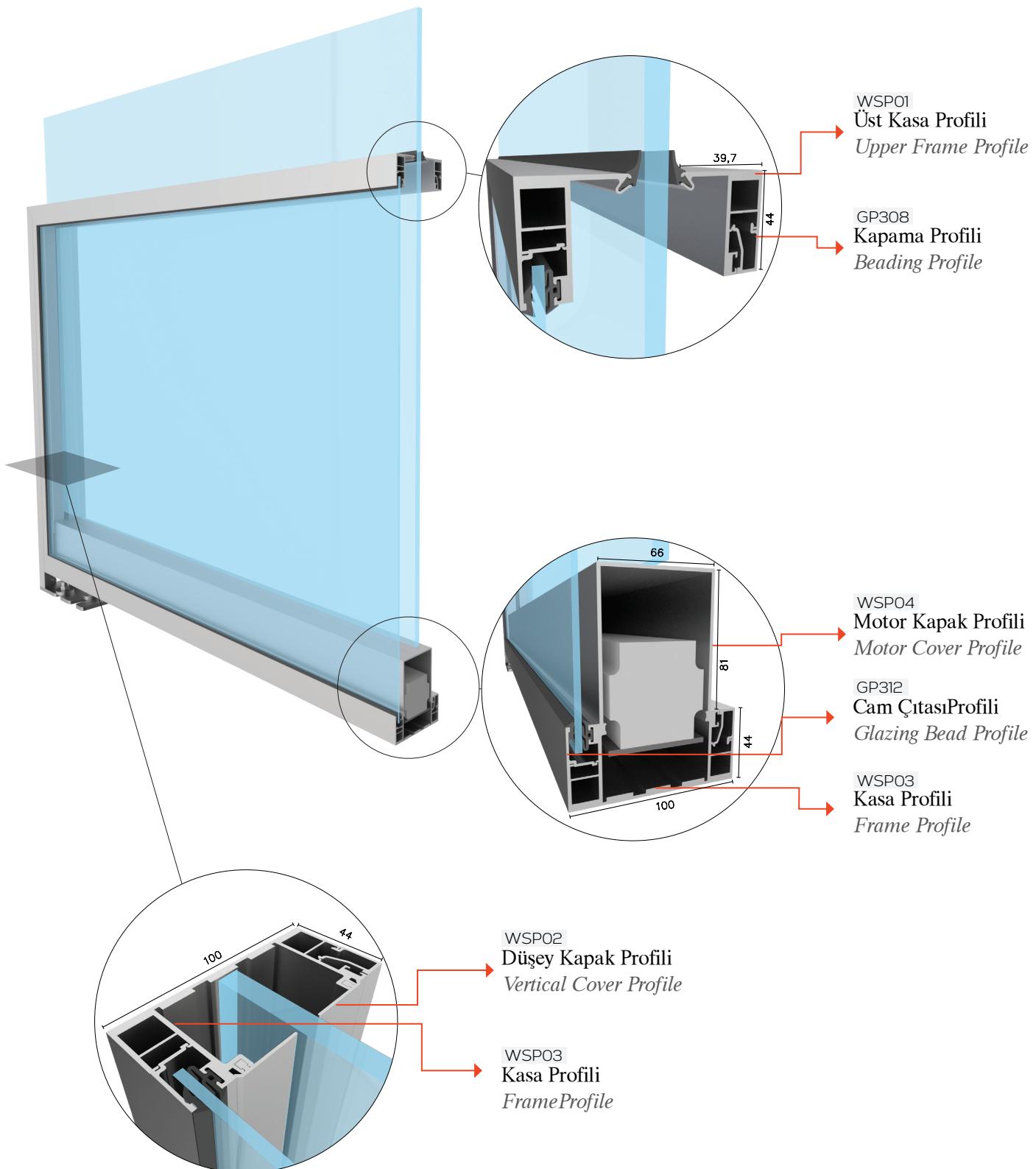
## Motor ve Kontrol

Windshield® 'da kullanılan 220V motor **uzaktan kumanda** ve **mobil uygulamasıyla** kullanılabildeği gibi gibi **programlanarak** özel veya **otomatik çözümlerle** sunulabilir.

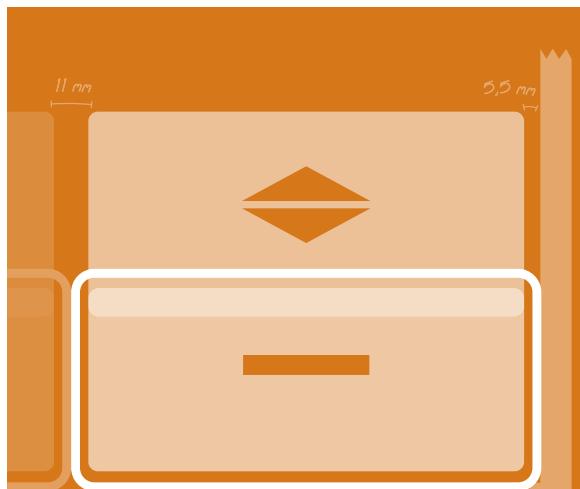
## Motor and Control

220V motor in Windshield® can be used with **remote control** or **mobile application** as well as it can be programmed to serve **automatic** or **project based** solutions.

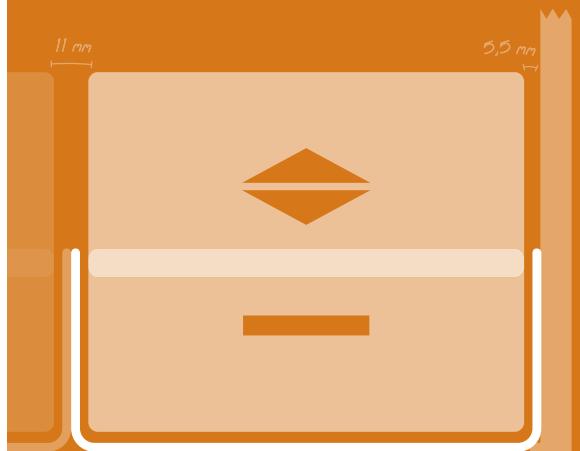
## Profil Detayları Profile Details



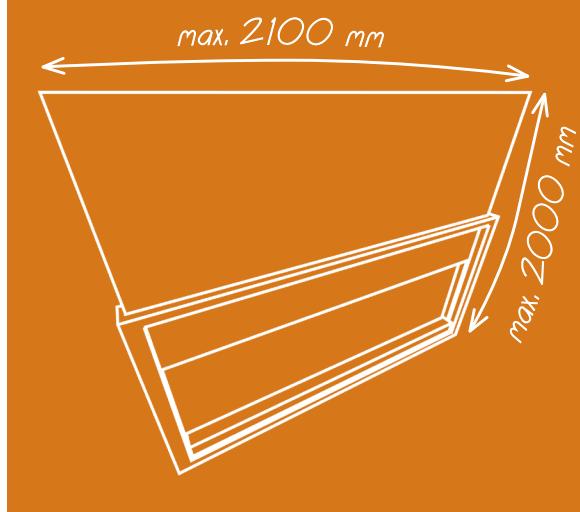


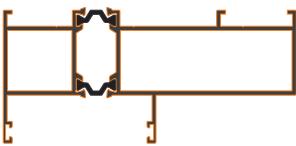
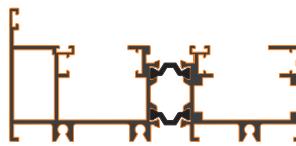
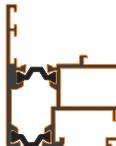


MODEL1609

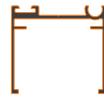


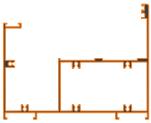
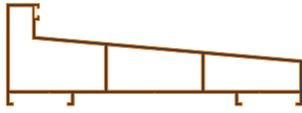
MODEL1710



 duowin	 duowin+plus
	<b>GP301</b> 15505 & 15504 1,780 kg/m
	<b>GP302</b> 15506 & 15507 1,750 kg/m
	<b>GP303</b> 15508 & 15509 2,110 kg/m
	<b>GP304</b> 15511 & 15510 1,150 kg/m
	<b>GP305</b> 15512 0,323 kg/m
	<b>GP306</b> 15513 0,304 kg/m
	<b>GP307</b> 15514 0,263 kg/m
	<b>GP308</b> 15515 0,225 kg/m
	<b>GP312</b> 14583 0,133 kg/m
	<b>GP316</b> 14352 0,298 kg/m

 duowin	 duowin+plus
	<b>GP310</b> 15516 0,117 kg/m
	<b>GP311</b> 15517 0,138 kg/m
	<b>GP313</b> 14986 0,180 kg/m
	<b>GP314</b> 15097 0,333 kg/m
	<b>GP315</b> 15564 2,499 kg/m
	<b>GP317</b> 15565 0,645 kg/m
	<b>GP318</b> 15392 0,274 kg/m
	<b>GP319</b> 15465 0,309 kg/m

duowin <sup>®</sup>	
	<b>DWPE00</b> 14329 0,314 kg/m
	<b>DWPE01</b> 14572 1,041 kg/m
	<b>DWPE02</b> 14573 2,003 kg/m
	<b>DWPE03</b> 14574 0,553 kg/m
	<b>DWPE04</b> 14575 0,385 kg/m
	<b>DWPE05</b> 14576 0,157 kg/m
	<b>DWPE06</b> 14577 0,556 kg/m
	<b>DWPE07</b> 14578 0,164 kg/m
	<b>DWPE08</b> 14579 0,320 kg/m
	<b>DWPE09</b> 14580 0,575 kg/m

duowin <sup>®</sup>	
	<b>DWPE10</b> 14581 3,241 kg/m
	<b>DWPE11</b> 14582 1,881 kg/m
	<b>DWPE12</b> 14985 0,897 kg/m
	<b>DWPE13</b> 612-15 0,319 kg/m

windshield	
	<b>WSP01</b> 14777 0,770 kg/m
	<b>WSP02</b> 14778 0,120 kg/m
	<b>WSP03</b> 14779 1,957 kg/m
	<b>WSP04</b> 14780 1,210 kg/m
	<b>WSP06</b> 15563 2,260 kg/m



## BEST GLOBAL

### Yapı Ürünleri

#### Ofis | Showroom

Çağlayan Mh. Taşocağı Cd. No: 47 - 49  
Çağlayan / Kağıthane 34403  
İstanbul / Türkiye  
Tel: +90 (212) 295 92 54



[www.bestglobal.com.tr](http://www.bestglobal.com.tr)

info@bestglobal.com.tr | satis@bestglobal.com.tr

Best Global Yapı Ürünleri San. Tic. Ltd. Şti.