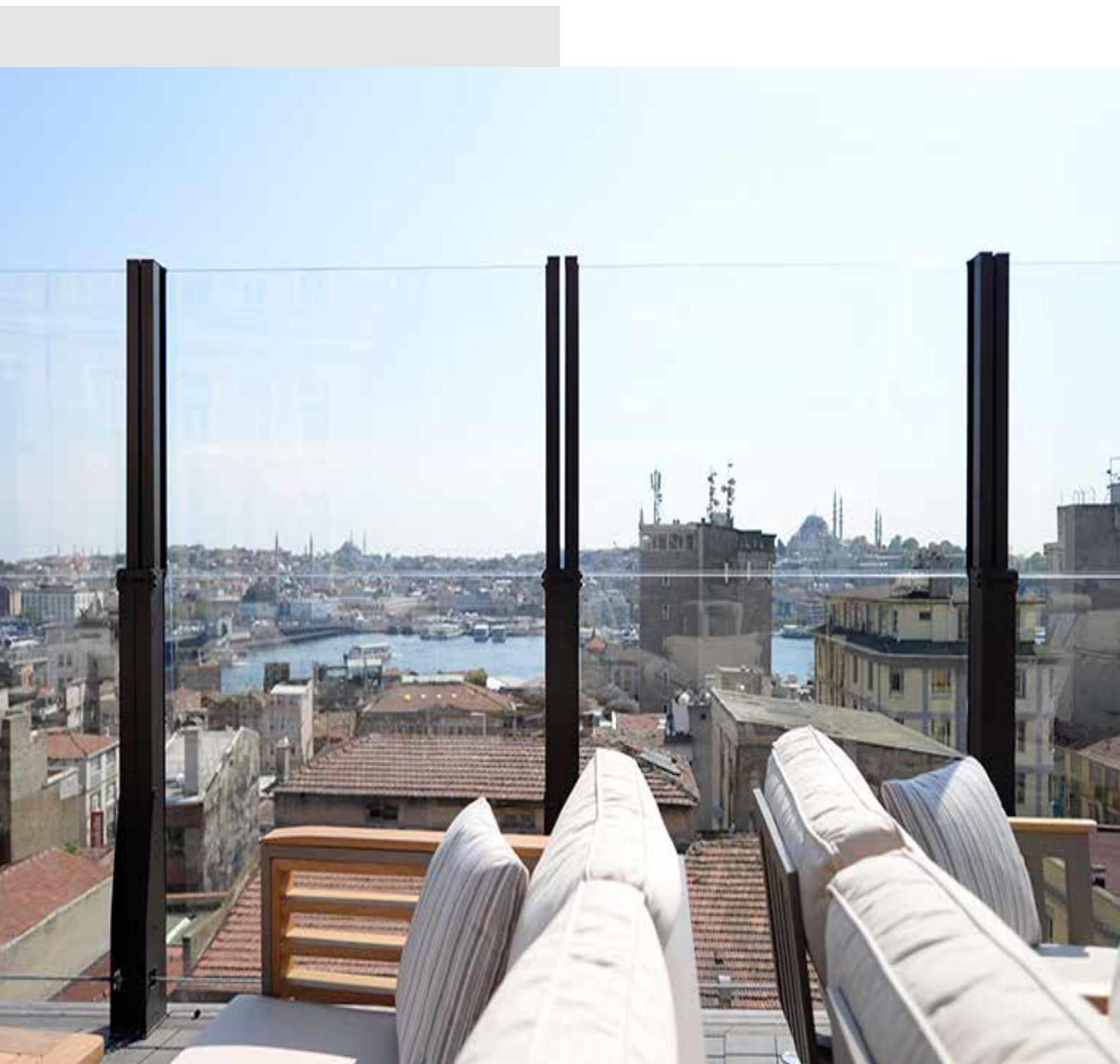


**Panora - Kinetic  
Telescopic Windbreak Glass Balustrade**  
“Unobstructed View”





MOTION IN ARCHITECTURE

Comfort and aesthetics are all together with Panora - Kinetic Systems! Never compromise from a continuous, panoramic view advantage. Feel the distinctiveness in architecture with portable or ground fixed telescopic windbreak systems.

As a company that develops global solutions in the fields of architecture and engineering, Libart is preferred all over

the world for 25 years by architects and professionals who want to make a difference for restaurants, cafes, hotels, commercial facilities, residential buildings and industrial zones with its retractable architectural systems. Panora - Kinetic Systems (FC and FB) are designed completely with tempered glass. One of the major benefits that Kinetic systems provide is the lack of horizontal frame and counter weight profiles that

prevents visual clutter, which can make all the difference. Since they do not contain any horizontal profiles, Kinetic systems establish an unobstructed interaction with the view, offering high permeability and so, provide benefits to both customers and business owners for many years by addressing a wide portfolio of projects as residencials, hotels, shopping centers, cafes and restaurants.

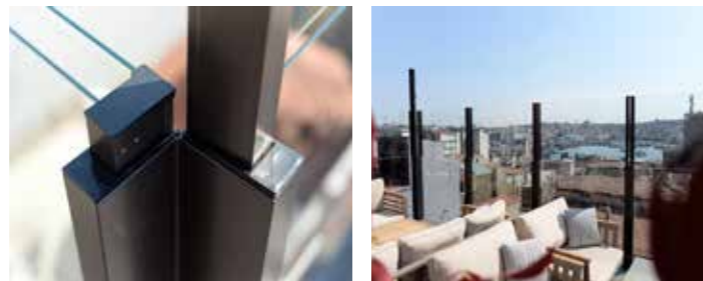
## Panora - Kinetic KU-FC Fixed to Ground Telescopic Windbreak Glass Railing Systems

Designed completely with tempered glass, Kinetic systems do not contain any horizontal profiles, providing a continuous view. You can push down the top sliding frame at any time you want and enjoy the view. With high resistance to wind loads, other physical factors and aesthetic integrity, it ensures beautiful vistas in your spaces. Because the Kinetic FC is fixed to the ground, it provides high wind resistance and extra safety.

Project Name : Mono Cafe  
Project Code : # 3869  
Size/Number : 1.50m x 1.85m (12 pieces)  
System : KU-FC



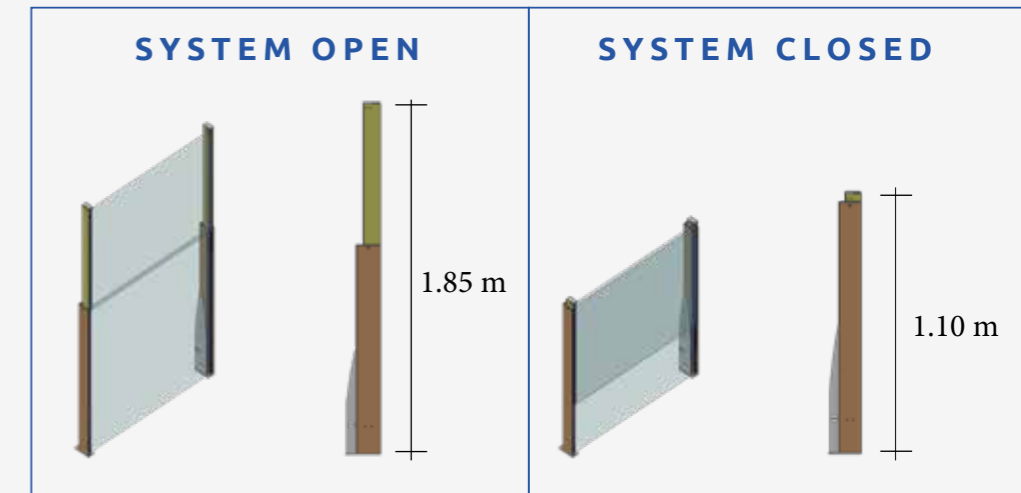
Project Name : M Gallery Accor Hotel  
Project Code : # 3586  
Size/Number : 1.50m x 1.85m (47 pieces)  
System : KU-FC



## TECHNICAL INFO

Max. Width : 1.50m  
Height : 1.85m  
Operation : Semi-Automatic  
Glazing : Bottom&Top Telescopic Glass  
6mm Tempered / Clear  
Optional:  
Bottom Fixed Glass  
5+1.52PVB+5 T. Laminated Glass  
Top Telescopic Glass  
6mm tempered  
Material : AA 6063-T6  
Standard Colors : RAL 9005 (Black)  
RAL 9006 (White aluminum)  
RAL 9010 (White)  
RAL 1019 (Beige)  
Can be produced in custom colors.

\*Feet must be fixed to the concrete or steel.



### TOP TELESCOPIC GLASS

With a touch, it rises up automatically and protects your customers against the wind.

### TELESCOPIC SIDE PROFILES

When the wind protection glass rise, the supporting side profiles raise with it to add strength and endurance. When the wind protection glass is lowered, supporting side profiles merge in to lower profiles to present an elegant glass railing look

### GROUND FIXING POINT

The system is fixed to the ground or to the platform from 6 points on the lower corners of the system, providing a secure balustrade and windscreen.

## Panora - Kinetic KU-FB Telescopic Windbreak Glass railing w/ Planter (Portative)

Panora - Kinetic FB systems are designed portable with an integrated planter. The planter bears the load, obtaining resistance against the wind\*. Kinetic FB systems can cater to a wide range of project portfolios such as residential, hotels, shopping centers, cafe-restaurants with a flexibility of plan provided by a portable design advantage and a landscape contribution by the planter that is integrated into the design.

Project Name : Mado İstmarina  
Project Code : # 2253  
Size/Number : 1.50m x 1.85m (26 pieces)  
System : KU-FB



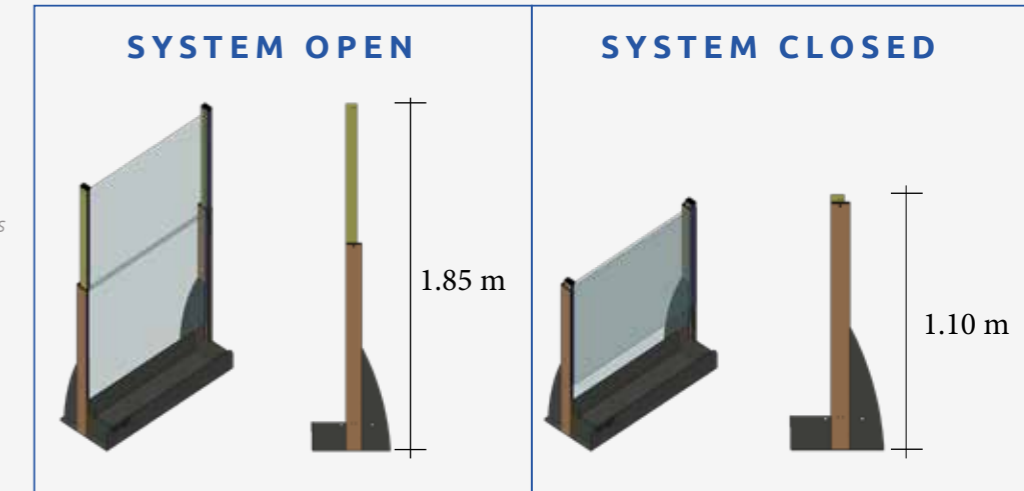
Project Name : Rönesans Küçükyalı  
Project Code : # 1347  
Size/Number : 1.50m x 1.85m (200 pieces)  
System : KU-FB



## TECHNICAL INFO

Max. Width	: 1.50m
Height	: 1.85m
Operation	: Semi-Automatic
Glazing	: Bottom&Top Telescopic Glass 6mm Tempered / Clear <b>Optional:</b> Bottom Fixed Glass 5+1.52PVB+5 T. Laminated Glass Top Telescopic Glass 6mm tempered
Planter*	: 15cm x 35 cm x **
Standard Colors	: RAL 9005 (Black) RAL 9006 (White aluminum) RAL 9010 (White) RAL 1019 (Beige) Can be produced in custom colors.

\* The content of the planter is not provided by Libart. For safe use, the planter should be filled with 7 cm gravel, 7 cm wet soil (Approximately 80 kg).  
\*\* The internal width of the planter is 10 cm shorter than the module width.

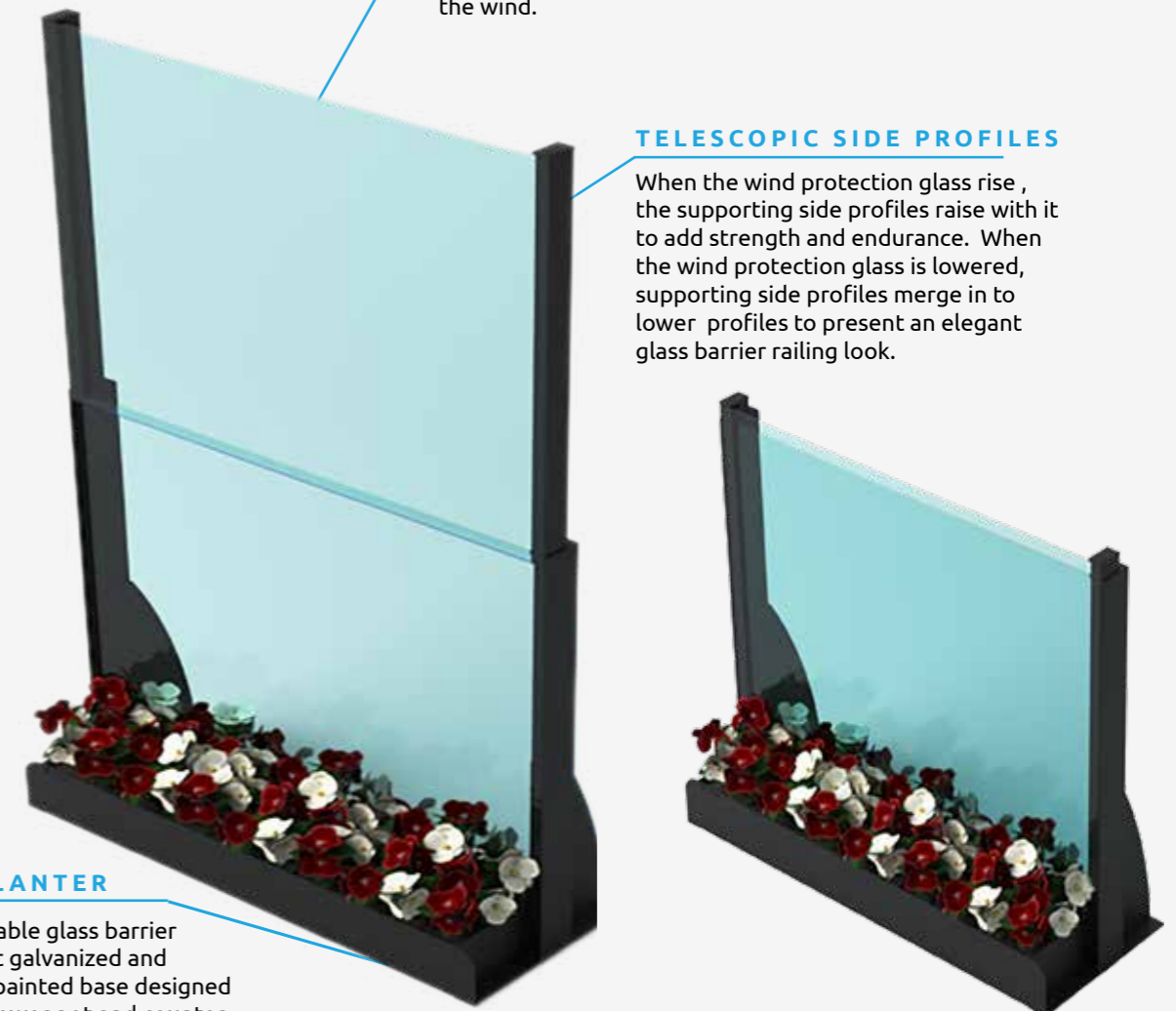


### TOP TELESCOPIC GLASS

With a touch, it rises up automatically and protects your customers against the wind.

### TELESCOPIC SIDE PROFILES

When the wind protection glass rise, the supporting side profiles raise with it to add strength and endurance. When the wind protection glass is lowered, supporting side profiles merge in to lower profiles to present an elegant glass barrier railing look.



### INTEGRATED PLANTER

The aluminum retractable glass barrier is attached to a robust galvanized and electrostatic powder painted base designed that functions as a flower pot and counter weight against winds. Base is designed with 6 adjustable pads to provide secure and level placement on uneven surfaces.

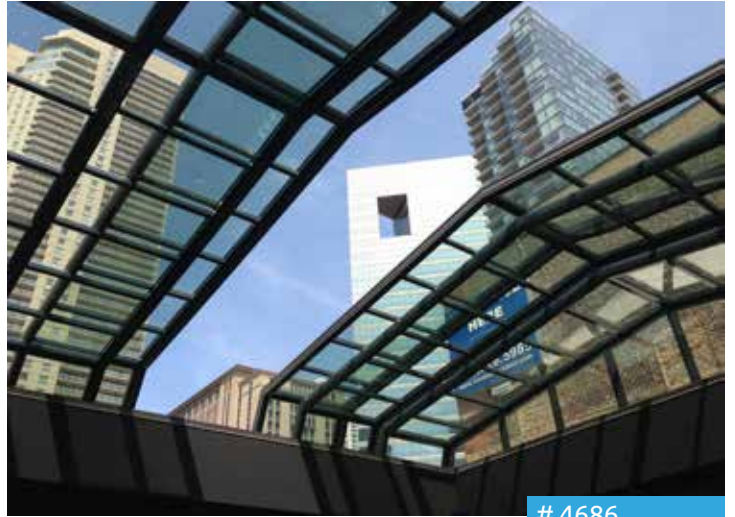


# LIBART

REF: KU / INT / 2019.08



# 4612



# 4686



# 4047



# 2762

Libart designs and fabricates operable architectural systems for discerning architects and professional clients from around the world. Libart's aluminum and glass retractable structures are innovative, functional and aesthetically attractive. They are used in restaurants, cafes, hotels, commercial and residential pools, patios, and industrial facilities. Our commitment to research, design, engineering and manufacturing is based on providing our customers value added retractable structures that offer flexible living and working environments for any type of weather.

Libart has been serving the architectural industry with operable solutions for over 25 years, with manufacturing centers located in 3 continents and dealers in more than 40+ countries.

MOTION IN ARCHITECTURE

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To learn more about our systems and projects from around the world please visit us at, [www.libart.com](http://www.libart.com)

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