

Specifications

Markisolette Compact

Markisolette



GENERAL



Description

Markisolette Compact is ideal for tall windows.

The properties of a screen and awning are ornate combined at this markisolette. The fabric comes first vertically downwards to keep the daylight outside and then turns out as drop arm awning to create a free view.

Installation

This system can be installed in different ways:

- On the frame.
- On the wall

Application

The Markisolette Compact is mainly used in industrial buildings or hospitals, but you see this marquisette also in homes with tall windows.

SPECIFICATION MARKISOLETTE COMPACT

Dimensions

Markisolette Compact has a maximum width of 2,5 m and a maximum height of 2,5 m.

Maximum fabric surface is 6,3 m².

Maximum dimensions

Diameter	Fabric type	Max. Fabric length	Max. height	Projection	Max. width
50	Plain	3000 mm	2620 mm	800 mm	2500 mm
50	Striped	3000 mm	2620 mm	800 mm	2500 mm
63	Plain	3000 mm	2620 mm	800 mm	2500 mm
63	Striped	2250 mm	2620 mm	800 mm	2500 mm

Housing

The aluminium housing is slanted and consists of a top cover and a slanted bottom cover. Both profiles are manufactured from extruded aluminium. The sides of the head box consist of aluminium top cover supports to support the retractor. For detailed dimensions of the housing, see picture.

Colour

Markisolette Compact is standard available in mill finish, anodised, RAL 9010 (white) and RAL 9001 (cream). Markisolettes are often used in projects. AVZ can deliver the required products in any RAL colour.

Roller tube

The roller Ø 63 mm with sleeve and thickness ± 0,9 mm is made of galvanized steel. The roller Ø 50 mm with sleeve and thickness ± 0,8 mm is made of extruded aluminium.

Assembly

All fasteners are made of stainless steel class A2.

Control

There are several control methods for the markisolette Compact.

- Gear box (indoor)

- Electric: Powered by a 230 VAC tubular motor, CE approved.

Operated by a switch or remote control, possibly supplemented by a wind solar cell system for easy operation and energy savings.

The electric control can also be linked to operate several marquisette with one switch.

Generally the connection is done by the fitter / electro-technical engineer.

Power supply and all wiring belong to the electro-technical installation.



FABRIC

Tibelly fabric is manufactured from solid dyed acrylic fibres. This means that the dye resins are added during the manufacture of the fibres. This gives the fibres an exceptional colour fastness. The woven fabric is given an extra water and dirt repellent treatment, matter the colour of the fabric, and keep out at least 90% of the UV radiation (99% of the UVB radiation), 70% of solar radiation and 72% of the visible radiation.

Colour

The Tibelly collection consists of a wide colour range of unis, stripes and fantasy designs. Choice of 71 colours and patterns over 5 colour groups.

GENERAL CHARACTERISTICS

Composition

100% rot-free multicolored polyacrylate yarn acrylic.

Finishing

Dirt and water repellent treatment especially for sun protection.

Technical specifications Tibelly® acrylic fabric

Characteristics	Values Chain	Values impact	Units	Standards
Binding	Flat binding			ISO 4211-1
Weight	290 g/m ²			ISO2286-1
Width	1200		mm	EN 1773
Thickness	0,64		mm	ISO 2286-3
Solidity	1250	880	mN	ISO 2493
Colour fastness (uv-radiation)	7-8		Class / 8	ISO 105 B02
Colour fastness (rain)	4-5		Class / 5	ISO 105 B04
Warranty	10		year	

TÜV CERTIFICATION

We set great store by quality. All our sun protection products are compliant with the CE standards and, since the year 2000, have been subjected to extensive testing by the TÜV Nord Group. This is carried out in accordance with the DIN EN 13561:2017-01 standard. Our exterior sun protection systems are tested on the basis of three criteria:

- Lifespan class
- Waterload class
- Wind resistance class


Lifespan class according DIN EN 13561:2017-01

Lifespan expresses the number of extension and retraction movements that an exterior sun protection system can withstand. The overview below indicates the various classes applicable in accordance with the EN 13561:2017-01 standard.

Number of movements	Class 3	
Open and closed	10.000	Lifespan class


Waterload class according DIN EN 1933:1999-03

Waterload expresses the number of water in liter/m² per hour that an exterior sun protection system can withstand. This indicates, the quantity rainfall which a fully open sun protection system with a slope of 14° (Corresponds to a slope of 25%) must be able to drain. The following list shows which water load classes there are.

Waterload class	Class 2	
Quantity rainfall	56 liter/m ² per hour	Water resistance class

Wind resistance class according DIN EN 1932:2013-09

Wind load is the maximum force of the wind which an opened exterior sun protection system can withstand. The overview below indicates the various wind resistance classes.

Wind resistance class	Class 2	
Beaufort scale	5	Wind resistance class
V (km/h) (maximum)	38 km/h	
V (m/s) (maximum)	10,5 m/s	
Nominal test pressure p (N/m ²)	70	
Safety test pressure 1,2 p (N/m ²)	84	



**** ATTENTION ****

The AVZ-Group accepts no liability for any errors in these specifications,
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