

**Awnings from Griesser.  
Topas®**



max. 5000 mm, Topas® MiniMax  
max. 7000 mm, single awning  
max. 12 000 mm, connected systems



max. 4000 mm

**Open awning**



The Topas® open awning is an attractive example of great value for money. You can always count on Topas® to provide you with lasting sun protection at home – there is no need to compromise on technology in any way. While the Topas® variant without a rain shelter is particularly suited to ceiling or rafter installation, the Topas® variant with a rain shelter is suited to wall installation.



Topas® without aluminum housing.



Topas® with aluminum housing.

**Options**

*Volant-Plus*

If the sun is low in the sky or you want a little privacy – simply lower Volant-Plus to the point you want.



*Aluminum housing*

The awning is available with housing made from extruded aluminum.



*Topas® MiniMax*

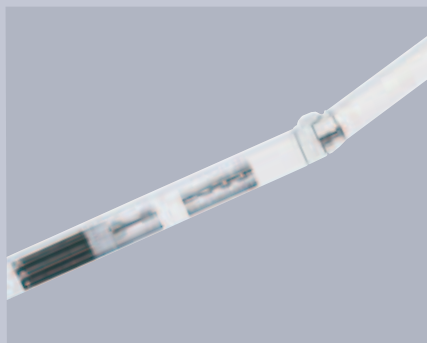
This variant projects further than it extends widthwise, allowing it to easily shade long, narrow balconies.



## Convincing technology

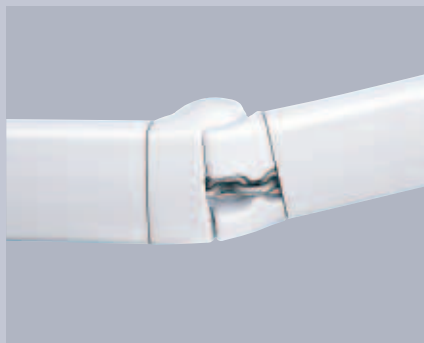
### Arm parts

Drop-forged arm parts ensure longevity and smooth operation.



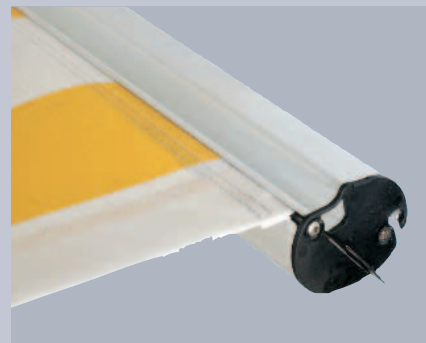
### Round steel link chain

The round steel link chain in the middle hinge ensures that the arm and cloth are perfectly tensioned.



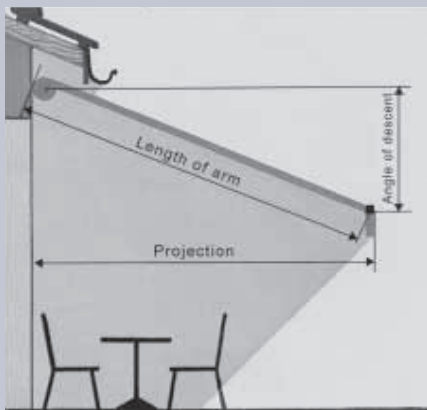
### Rain channel

Rainwater runs through the rain channel in the front bar to the sides in a controlled manner.



## Topas®: Limit dimensions and number of brackets

Width in mm	Number of arms	Length of arm in mm					
		1500 (min. width 1850)	2000 (min. width 2350)	2500 (min. width 2850)	3000 (min. width 3350)	3500 (min. width 3850)	4000 (min. width 4570)
1850 - 2000	2	2					
2001 - 2500	2	2	2				
2501 - 3000	2	2	2	2			
3001 - 3500	2	2	2	2	2		
3501 - 4000	2	2	2	2	2	2	
4001 - 4500	2	3	3	3	3	3	3
4501 - 5000	2	3	3	3	3	5	5
5001 - 5500	2	3	3	3	3	5	5
5501 - 6000	2	3	3	3	3	5	5
6001 - 6500	2	3	3	3	3	5	5
6501 - 7000	3	4	4	4	4	7	7
Connected systems		(min. width on request)					
6001 - 7000	4	4	4	4			
7001 - 8000	4	4	4	4	4	4	
8001 - 9000	4	6	6	6	6	6	
9001 - 10000	4	6	6	6	6	10	10
10001 - 11000	4	6	6	6	6	10	10
11001 - 12000	4	6	6	6	6	10	10



The number of brackets is with reference to a pressure-resistant subsurface such as C20/25 concrete or metal with at least the same pull-out strength. If the subsurface is poor, it must be upgraded to this pull-out strength or more or other brackets must be used.

### Key

If widths exceed 6000 mm or arm lengths exceed 4000 mm, only available with motor drive.

Volant-Plus: Max. width 5000 mm and length of arm 3500 mm or width 6000 mm and length of arm 3000 mm. Two-part systems not available.

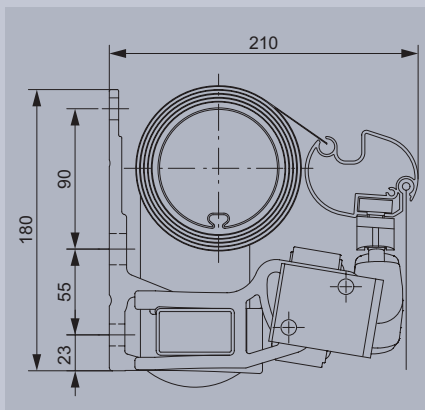
The technology used means that the effective material width may deviate from the awning width depending on the drive used.

## Topas® MiniMax: Limit dimensions and number of brackets

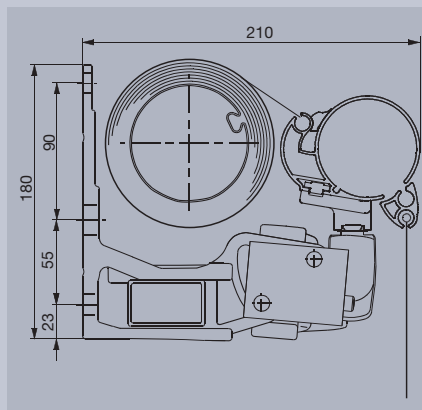
Width in mm	Number of arms	Length of arm in mm					
		1500 (min. width 1100)	2000 (min. width 1350)	2500 (min. width 1600)	3000 (min. width 1850)	3500 (min. width 2100)	4000 (min. width 2350)
1100 - 1500	2	2	2				
1501 - 2000	2	2	2	2	2		
2001 - 2500	2	2	2	2	2	2	2
2501 - 3000	2		2	2	2	4	4
3001 - 3500	2			2	2	2	3
3501 - 4000	2				2	2	2
4001 - 4500	2					3	3
4501 - 5000	2						5

The number of brackets is with reference to a pressure-resistant subsurface such as C20/25 concrete or metal with at least the same pull-out strength. If the subsurface is poor, it must be upgraded to this pull-out strength or more or other brackets must be used.

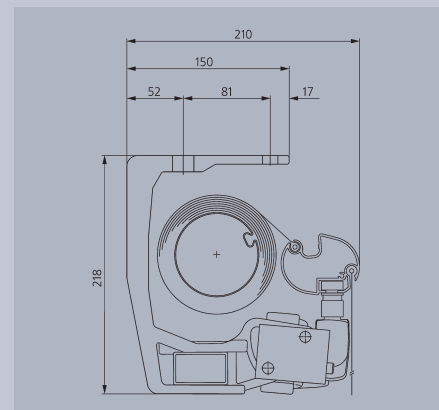
## Installation



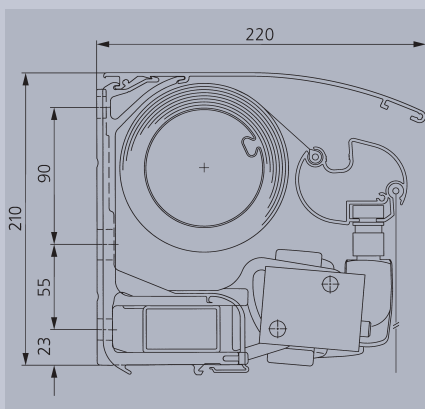
Wall installation Topas® without housing



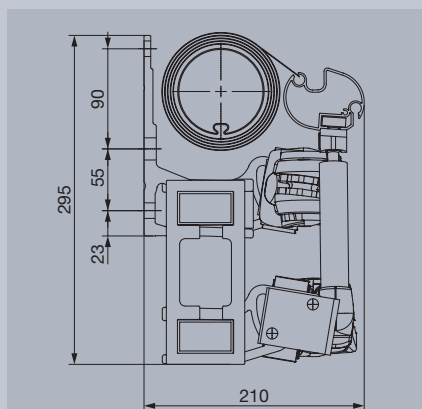
Topas® available with Volant-Plus (available as an option with housing)



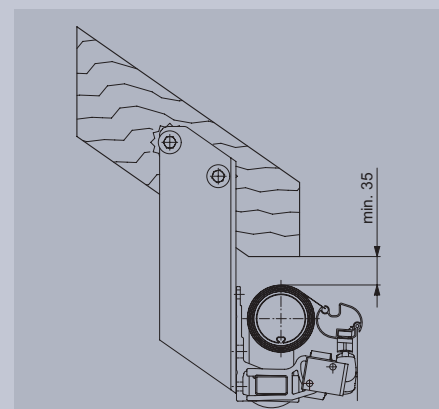
Ceiling installation Topas® without housing



Wall installation Topas® with housing



Wall installation Topas® MiniMax



Rafter installation Topas® without housing

**Materials and solar shading factor**

*Collection Moments*

The Griesser acrylic fabrics fit in perfectly with the latest color trends and are divided into eight color worlds. Customers will always find the right awning fabric to suit their every whim. All materials in Collection Moments, developed in collaboration with the traditional Italian cloth manufacturer Parà, use the latest nanotechnology to produce dirt- and water-repellent characteristics. As well as creating a good mood, the sun also however emits dangerous UV rays. Griesser only uses materials which provide an optimum protection of UPF 30+.

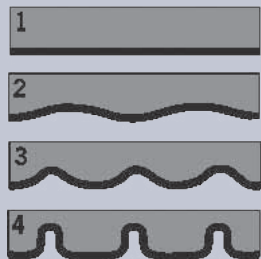


*Four valance designs to choose from.*

The valance finishes off the awning and lends it an air of individual charm.

*Valance bindings*

Griesser also provides bindings in a wide range of colors to suit every fabric design.



**The automatic choice.**

With the radio-controlled Griesser Remoto® hand-held transmitter, you can operate your awning from the comfort of your deck chair. There's a good reason why quality comes automatically to Griesser blinds and rolling shutters.



## Design description

### *Awning system*

Hinged arms with built-in tension spring and round steel link chain. The hinged arm profile and front bar, thrust supports, wall and ceiling consoles, roof and rafter supports are made from extruded aluminum. Cover plates made from cast aluminum. All hinged parts like the upper arm element, middle hinge and front bar supports are made from drop-forged aluminum. Supporting tube made from galvanized and powder-coated steel. Axle made from galvanized sheet steel. Awning fabric is acrylic, with or without valance.

### *Options (for an additional charge)*

- Valance in 4 standard designs.
- Volant-Plus available in heights of 1000 mm, 1500 mm or 2000 mm, max. width 6000 mm. Not available for Topas® MiniMax.
- Aluminum shelter 220 mm, made from extruded aluminum, transparently anodized or baked enamel finish.
- Topas® MiniMax where the projection is greater than the width.

## Colors

### *Basic*

Aluminum (RAL 9006/VSR 140) or white (RAL 9016).

### *GriColors (for an additional charge)*

The GriColors range includes 100 color shades in four collections, Glass & Stone, Sun & Fire, Water & Moss and Earth & Wood – from cool white and sunny red to natural blue and earthy brown.

## Fabric collection

### *Collection Moments*

Fabrics are 100% acrylic, spinneret dyed, with a high degree of light fastness and durability, nano-based impregnation making the fabric dirt-repellent and water-repellent, tested for harmful substances in accordance with Öko-Tex standard 100. Web width 1200 mm. Weight of material approx. 300 g/m<sup>2</sup>.

## Planning tips and operating instructions

- In the case of buildings and high-rise structures which are exposed to high wind, the maximum dimensions should be reduced depending on the situation.
- The solar shading systems should be retracted if it is windy.
- The systems must not be operated if there is a risk of ice.
- The systems must be accessible for maintenance work.
- Observe the VSR data sheets or information in EN 13561 wind classes.

For more information about our services and products, go to [www.griessergroup.com](http://www.griessergroup.com).



## Your partner

Subject to change without prior notice