

Specifications

Oliva[®]

Folding arm cassette



GENERAL



Description

Folding arm cassettes or terrace awnings are ideal for the use above a terrace. The strong construction makes it possible to provide large terraces with shade, while the retractable arms ensure optimum space on the terrace.

Installation

The arms are secured by two strong aluminium supports that are mounted on the wall or ceiling.

Due to the unique construction of the awning, it is possible to adjust it in different positions, so the terrace and/or window part can always be provided with shade.

Application

Folding arm cassette or terrace awning Oliva is suited for use above a terrace. The strong construction makes it possible to provide large terraces with shade, while the retractable arms ensure optimum space on the terrace.

If the low sun still appears under the awning, then the front profile can be provided with a valance. This is an additional piece of fabric that hangs perpendicular on the front profile.

SPECIFICATION OLIVA®

Dimensions

Oliva has a max. fabric surface of 21,0 m² (width 6 m with 3,5 m projection or width 6,5 m with 3 m projection).

Maximum dimensions

Projection	1500 mm	2000 mm	2500 mm	2500 mm*	3000 mm	3000 mm	3500 mm*
Max. width	6500 mm	6500 mm	6500 mm	6500 mm	6500 mm	6500 mm	6000 mm
Min. width	1880 mm	2450 mm	3020 mm	2790 mm	3590 mm	3290 mm	3830 mm

* = Arms with equivalent sections. Use these arms only, in the event that this is necessary to achieve the smallest possible width.

Housing

The housing of the Oliva is made of high quality aluminium profiles.

Colour

There is a choice of anodised (silver), powder coated in white RAL 9010, RAL 9016, cream RAL 9001 or anthracite RAL 7016 textured.

Roller tube

The roller Ø 78 mm with sleeve and thickness ± 1,0 mm is made of galvanized steel.

Assembly

All fasteners are made of stainless steel class A2.

Control

The Oliva is standard suitable for electric operation. Control by a switch or remote control, supplemented with a sun and wind sensor, for optimal convenience and energy savings. The electric control can also be linked to operate several awnings 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 (NEN 1010).



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 13561:2009-01 standard. Our terrace awnings are tested on the basis of three criteria:

- Lifespan class
- Waterload class
- Wind resistance class


Lifespan class according DIN EN 13561:2009-01

Lifespan expresses the number of extension and retraction movements that a terrace awning can withstand. The overview below indicates the various classes applicable in accordance with the EN 13561:2009-01 standard.

Number of movements	Class 3	
Open and closed	10.000	


Waterload class according DIN EN 1933:1999-03

Waterload expresses the number of water in liter/m² per hour that a terrace awning 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	

Wind resistance class according DIN EN 1932:2013-09

Wind load is the maximum force of the wind which an opened terrace awning can withstand. The overview below indicates the various wind resistance classes.

Wind resistance class	Class 2	
Beaufort scale	5	
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,
or for any damage or losses resulting from the use thereof.