The open awning

Premium quality
Made in Germany

Topas

Topas with top profile | Topas without top profile

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weinor Topas

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weinor Topas: simply stable – the classic entry-level model

The Topas is a classic entry-level awning for anyone wanting to save money without sacrificing quality. Its uncomplicated technology makes it stable and wind-resistant. When open, the awning stands out for its extreme flexibility: with or without a waterproof top profile, it can be installed in various ways to fit into all kinds of different structural situations.

weinor Topas highlights

47 frame colours and 9 trend colours

10-year warranty on LongLife arm

With top profile

Without top profile

weinor LongLife arm

Multi-section units

with roller support cradle or jockey cover

Product benefits in detail

Simple and stable: the weinor Topas highlights

Open or with a top profile – classic design with the latest technology

With its simplified technology the weinor Topas is stable yet retains a wide variety of functions.

- stable front rail
- with and without top profile
- wide sizes
- wind-resistant
- wide selection of fabrics

weinor LongLife arm – resilient and durable

The LongLife arm features an exceptionally robust high-tech belt.

- tested to more than 100,000 cycles
- extremely quiet operation
- no maintenance required
- drop-forged aluminium in joint – light but highly robust

Multi-section units – to shade especially large areas

The Topas also comes as a combined multi-section unit for very large patios.

- as a 2-part unit up to 1,200 cm
- jockey cover or roller support cradle with continuous fabric

Product benefits in detail

● standard
○ optional
— unavailable

weinor Topas versions

	Topas with top profile	Topas without top profile
Technology		
Max. width, 1-section/2-section with jockey cover	700 cm/1,200 cm	700 cm/1,200 cm
Max. projection	400 cm	400 cm
Cassette size (W x H)	220 x 210 mm	210 x 180 mm
Coupled systems	○	○
Motor drive	● as standard	● as standard
Setting awning pitch	5° to 40°	5° to 40°
Installation options	can be installed on walls, ceilings and rafters	
LED lighting (Design light bar)	○	○
Design		
47 standard frame colours	●	●
Over 150 other RAL colours	○	○
9 trend colours	●	●
Other textured colours	○	○
Head and front rail caps in contrasting colour	○	○
weinor fabric collection	●	●
Accessories		
Tempura heating system	○ fixed in place with universal bracket	
Controls		
Remote control	see p. 10	
No remote	●	
Quality		
Tested up to	wind Force 5 on the Beaufort scale and wind resistance class 2 according to DIN 13561	

Fabrics and frame colours

Fabrics – attractive, brilliant long-lasting colours

For an attractive awning you need a high-quality fabric. The 'colours by weinor®' collections provide a wide selection.

- solution-dyed to make them colour-fast
- stay beautiful thanks to dirt- and water-repellant nano-coating
- optional: wide range of collections by other manufacturers

true colours Acrylic fabric collection — Acrylic fabrics 100 patterns

- high-quality acrylic
- proven for decades
- fabric width: 120 cm/240 cm

magic colours WeiTex® — Polyester fabrics 55 patterns

- innovative polyester quality
- high-stretch with memory effect®
- fabric width: 120 cm

Wide range of frame colours – abundance of choices

weinor coats all of its products in its own workshop. This ensures that they have the best-possible colour tonality and identical gloss levels.

- 47 standard RAL frame colours, silk gloss (gloss level 70 ± 5% when measured at a 60° angle)
- 9 scratchproof, resistant trend colours with a textured look
- over 150 special RAL colours

47 standard frame colours

RAL 1002 Sandy yellow	RAL 1003 Signal yellow	RAL 1014 Ivory	RAL 1015 Light ivory	RAL 1023 Traffic yellow	RAL 1034 Pastel yellow	RAL 2000 Yellow orange	RAL 2002 Vermilion	RAL 2011 Deep orange
RAL 3002 Carmine red	RAL 3004 Magenta red	RAL 3007 Black red	RAL 4005 Blue lilac	RAL 4006 Traffic purple	RAL 5005 Signal blue	RAL 5009 Azure blue	RAL 5014 Pigeon blue	RAL 5021 Water blue
RAL 5022 Night blue	RAL 5024 Pastel blue	RAL 6005 Moss green	RAL 6009 Fir green	RAL 6011 Reseda green	RAL 6012 Black green	RAL 7015 Slate grey	RAL 7016 Anthracite grey	RAL 7021 Black grey
RAL 7030 Stone grey	RAL 7032 Pebble grey	RAL 7035 Light grey	RAL 7039 Quartz grey	RAL 7040 Window grey	weinor 7319 weinor grey	RAL 8001 Ochre brown	RAL 8003 Clay brown	RAL 8014 Sepia brown
RAL 8016 Mahagony brown	RAL 8017 Chocolate brown	RAL 8019 Grey brown	RAL 8022 Black brown	weinor 8077 weinor dark brown	RAL 9001 Cream	RAL 9005 Jet black	RAL 9006 White aluminium	RAL 9007 Grey aluminium
RAL 9010 Pure white	RAL 9016 Traffic white							

9 trend colours

WT 29/10797 Approx. RAL 9010	WT 29/50704 Approx. RAL 6009 metallic	WT 29/60740 Chestnut 04 metallic	WT 29/70786 Sparkling iron effect	WT 29/71289 Approx. RAL 7016	WT 29/80077 Approx. DB 703 metallic	WT 29/80081 Iron glimmer effect P 7	WT 29/90146 Approx. RAL 9006 metallic	WT 29/90147 Approx. RAL 9007 metallic

weinor is an eco-friendly company. To ensure compliance with high environmental standards, manufacturing processes and materials undergo regular testing by experts.

As a result of the ban on the use of heavy metals in powder coatings, paint manufacturers can no longer guarantee colour stability despite making every effort to do so. It therefore cannot be excluded that colours in general, and Fire Red (RAL 3000) in particular, may fade with time. For technical reasons, the colours may appear significantly different when printed.

Remote control

BiEasy 5M

BiEasy 15M
with display

weinor BiConnect – coordinated control for awning, light and heating (optional)

The awning comes as a standard with one motor and can optionally be supplied either with a remote controlled motor or a remote receiver BiRec MA. So it can be controlled with the pre-programmed BiEasy remote control. There are handheld transmitters with different numbers of channels: choose from 1,5 or 15 channels with a display.

weinor BiEasy handheld transmitter

- safe to operate on protected frequency (868 MHz)
- range of up to 100 m

BiRec remote-controlled receiver

- various remote-controlled receivers depending on functions used
- to suit awning fittings – e.g. to extend and retract the awning or dim the lights

Product	Comes with (integrated)		Remote receiver	Handheld transmitter
Topas	awning motor		integrated in the remote-controlled motor	BiEasy 1M/5M/15M
		+ Tempura heating system*	BiRec HD	BiEasy 5M/15M
		+ LED Design light bar*	BiRec LED	BiEasy 5M/15M
		+ Tempura heating system* + LED Design light bar*	BiRec LED + BiRec HD	BiEasy 5M/15M

Requires: awning with BiConnect remote control; sensors require at least a BiEasy 1M, 5M or 15M
* option

Product	BiConnect	Somfy RTS	Somfy io
Topas	○	○	○
Optional: LED	○ dimmer function	○ not dimmable	○ not dimmable

○ option

Automatic weather function and accessories

Product protection sensor BiSens Agido-3V

The awning retracts when the wind protection sensor BiSens Agido-3V is activated by suitable wind levels.

- threshold value adjustable
- only sold with BiConnect
- energy-saving technology
- battery life 2 years
- awning remains in place approx. 20 minutes after retraction
- fitted into front rail

BiSens SWR-230 V

Sun, wind and rain sensors – automatically protect your product and prevent excess heat (optional)

The BiConnect series remote sensors automatically extend the awning when the sun shines and reliably retract it in the wind or rain.

Available types:

- BiSens SWR-230 V
  sun, wind and rain sensor
- BiSens SW-230 V
  sun and wind sensor
- also solar-run:
  BiSens SW-Solar

LED Design light bar – 30,000 hours of lighting require minimal energy consumption (optional)

Select LED components for top weinor quality:

- atmospheric light thanks to special glass lenses
- particularly energy efficient
- lifetime of 30,000 hours
- BiConnect for wireless dimming
- installs using an adjustable bracket fitted to the support pipe
- change LEDs

Tempura Universal heating system, high-performance (optional)

The energy-efficient Tempura infrared heating system has an impressive heating capacity of 1,500 watt in a tiny housing.

- instant heat: no warm-up time
- turn as required for targeted warmth
- operate and dim using BiConnect remote control
- splash protection
- comes in 47 standard frame colours plus 9 scratchproof, resistant trend colours with a smart, textured look
- option: 150 special RAL colours
- universal bracket makes it easy to retrofit
- TÜV tested

 Some options incur a surcharge. Please refer to the weinor awnings price list for costs.

Determining the diagonal and clearance height:

1. Find the diagonal by looking in the 'Diagonal' table for the terrace depth.

2. Using the diagonal from the table and the required pitch, consult the 'clearance height' table for the clearance height. This clearance height refers to a mounting height of 300 cm.

3. Add/subtract the difference between 300 cm and the actual mounting height to/from the clearance height in the table.

Determining the diagonal

This table can be used to find the awning diagonal for any given horizontal patio depth.

Pitch	Patio depth in cm					
	150	200	250	300	350	400
5°	150	200	250	300	350	400
15°	160	210	260	310	360	400
25°	170	220	280	330	390	–

Diagonal in cm (rounded figures)

Determining the clearance height

This table is used to find the clearance heights for various diagonals when the tilt angle is 5°, 15° or 25°.

This table is based on the example of an installation height of 300 cm (upper edge of awning).

Pitch	Diagonal in cm					
	150	200	250	300	350	400
5°	270	270	270	260	260	250
15°	250	240	220	210	200	180
25°	220	200	180	160	140	120

Clearance height in cm (rounded figures)

Wall installation on C20/25 concrete with up to 200 mm facing, wind resistance class 2 and a permissible centric tensile load of 5.71 kN for anchor bolts

Sizes and bracket recommendations

Width in cm	No. of arms	Diagonal in cm (irregular figures possible)					
		150	200	250	300	350	400
– 250	2	2	2	2	2	2	3
251 – 300	2	2	2	2	2	3	3
301 – 350	2	2	2	2	2	2	4
351 – 400	2	2	2	2	2	2	4
401 – 450	2	3	3	3	3	5	5
451 – 500	2	3	3	3	3	5	5
501 – 550	2	3	3	3	3	5	5
551 – 600	2	3	3	3	5	5	5
601 – 650	2	3	3	3	5	5	5
651 – 700	3	4	4	4	7	7	7

Standard Topas wall bracket (85 mm)

Cross-sections of Topas with and without top profile

Cross-section of Topas without top profile

Cross-section of Topas with top profile

Installation on walls, ceilings or rafters – suitable for various building conditions

Its dimensions mean that the Topas can be mounted in a wide range of ways: not only on a wall but also on a ceiling or a rafter. The brackets and mounting plates are made of extruded, powder-coated aluminium.

Wall installation

Wall bracket, 85 mm

Wall bracket, 260 mm

Side view of Topas with top profile fitted to a wall

Minimum spacing distances for installation

Ceiling installation Topas without top profile

Side view of roofless Topas with roller support cradle bearing and compact ceiling bracket

Ceiling installation Topas with top profile

Rafter installation

Right-hand rafter bracket

Rafter bracket with mounting plate
for right-hand rafter
weinor recommends using the mounting-plate for rafter brackets.

Rafter bracket

Side view of rafter installation with roofless Topas

Extraction forces for wall installation

The extraction force is the force with which the weight of the awning and the wind load pull on each upper fixing. The tables indicate this force in N per upper fixing. It varies depending on the awning size and the wall bracket/mounting plate used.

Selecting the wall bracket and anchoring system:

1. Consult relevant table for extraction force per fixing for selected awning size.

2. Select a wall bracket/mounting plate for which there is a fastener which can resist the indicated extraction force. Remember to take into account the spacing, the area which willl be damaged if the fixing breaks out, the type of fixing used and the assembly base.

See separate bracket overview for other bases.

1 standard wall bracket (85 mm) plus
1 standard wall bracket (85 mm) as a central bracket from 401 cm,
1 standard wall bracket (85 mm) per awning arm,
fasteners: 4 in all

1 standard wall bracket (85 mm) plus
1 standard wall bracket (85 mm) as a central bracket from 401 cm,
2 standard wall brackets (85 mm) per awning arm,
fasteners: 8 in all

or

1 wall bracket (260 mm) plus
1 standard wall bracket (85 mm) as a central bracket from 401 cm,
1 wall bracket (260 mm) per awning arm,
fasteners: 8 in all

1 wall bracket (260 mm) plus
1 standard wall bracket (85 mm) as a central bracket from 401 cm,
2 wall brackets (260 mm) per awning arm,
fasteners: 16 in all

Mounting plate (280 x 240 mm) incl.
1 standard wall bracket (85 mm),
standard wall bracket (85 mm) incl. base plate,
fasteners: 8 in all

Extraction forces for Topas

Wall mounting on C20/25 concrete with up to 200 mm of facing, extraction force in N per upper fixing for wall bracket

Width in cm	Projection in cm					
	150	200	250	300	350	400
250	818	1232	1776	2359	3128	4399
	409	616	888	1180	1564	2200
	205	308	444	590	782	1100
	238	358	516	684	908	1276
300	939	1419	2042	2716	3592	5088
	470	710	1021	1358	1796	2544
	235	355	511	679	898	1272
	272	412	592	788	1042	1476
350	1060	1606	2308	3074	4055	5776
	530	803	1154	1537	2028	2888
	265	402	577	769	1014	1444
	308	466	670	892	1176	1676
400	1181	1792	2573	3432	4518	6464
	591	896	1287	1716	2259	3232
	295	448	643	858	1130	1616
	342	520	746	996	1310	1874
450	1303	1979	2839	3790	4982	7253*
	652	990	1420	1558	2491	3627
	326	495	710	948	1246	1813
	378	574	824	1100	1444	2074
500	1424	2166	3104	4148	6244	7541*
	712	1083	1552	2074	3122	3771
	356	542	776	1037	1561	1885
	412	628	900	1202	1810	2274
550	1545	2352	3370	5163	6789*	8529*
	773	1176	1685	2582	3395	4265
	386	588	843	1291	1697	2132
	448	682	978	1498	1968	2474
600	1666	2539	3635	5582	7335*	9217*
	833	1270	1818	2791	3668	4609
	417	635	909	1396	1834	2304
	484	736	1054	1618	2128	2674
650	1787	2726	4455	6002	7880*	9906*
	894	1363	2228	3001	3940	4953
	447	682	1114	1501	1970	2477
	518	790	1292	1740	2286	2872
670	1272	1941	3176	4281	5617*	7063*
	636	971	1588	2141	2809	3532
	318	485	794	1070	1404	1766
	370	562	922	1242	1630	2050

* 2 brackets required per awning arm

Extraction forces for ceiling installation

Extraction forces for Topas

Ceiling installation (on C20/25 concrete)

Extraction forces in N for ceiling mounting

1 ceiling bracket with standard wall bracket (85 mm),
1 ceiling bracket with standard wall bracket as a central bracket from 401 cm,
1 ceiling bracket with standard wall bracket (85 mm) per awning arm,
fasteners: 4 in all

1 ceiling bracket, compact,
1 ceiling bracket, compact as central bracket from 401 cm,
1 ceiling bracket, compact per awning arm,
fasteners: 4 in all

Width in cm	Projection in cm					
	150	200	250	300	350	400
250	917	1367	1963	2612	3469	4875
	459	684	982	1306	1735	2438
300	1060	1582	2264	3016	3991	5645
	530	791	1132	1508	1996	2823
350	1204	1796	2565	3419	4512	6414
	602	898	1283	1710	2256	3207
400	1347	2010	2867	3823	5034	7183
	674	1005	1434	1912	2517	3592
450	1490	2225	3168	4226	5556	7953*
	745	1113	1584	2113	2778	3977
500	1634	2439	3469	4630	6929*	8722*
	817	1220	1735	2315	3465	4361
550	1777	2654	3770	5719	7533*	9492*
	889	1327	1885	2860	3767	4746
600	1921	2868	4071	6187	8142*	10261*
	961	1434	2036	3094	4071	5131
650	2064	3083	4937	6654	8751*	11053*
	1032	1542	2469	3327	4376	5527
700	1472	2198	3522	4748	6239	7867
	736	1099	1761	2374	3120	3934

* 2 brackets required per awning arm

Rafter bracket installation

Shear forces in N for rafter mounting

1 rafter bracket plus
1 standard wall bracket (85 mm),
one of each for left and right,
1 rafter bracket plus
1 standard wall bracket (85 mm)
as a central bracket from a width of 401 cm

1 rafter bracket plus
1 mounting plate for rafters plus
1 standard wall bracket (85 mm),
one of each for left and right,
1 rafter bracket plus
1 mounting plate for rafters plus
1 standard wall bracket (85 mm)
as a central bracket from a width of 401 cm

Width in cm	Projection in cm					
	150	200	250	300	350	400
250	1195	1796				
	558	801				
300	1374	2069	2982			
	645	926	1295			
350	1553	2342	3370	4504		
	732	1051	1467	1925		
400	1732	2615	3757	5027	6642	
	819	1176	1638	2152	2805	
450	1911	2888	4145	5550	7322	10493
	907	1302	1810	2378	3094	4377
500	2090	3160	4532	6073	4546	5735
	994	1427	1981	2604	1913	2394
550	2269	3433	4920	7496	4944	6239
	1081	1552	2153	3195	2081	2605
600	2448	3706	5307	8103	5342	6749
	1168	1677	2325	3455	2249	2816
650	2627	3979	6434	8710	5740	7247
	1256	1802	2795	3716	2418	3027
700	2095	3108	4942	6638	8749	11007
	1056	1465	2207	2893	3746	4659

Mounting plates

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Patio roof with SUPER LITE fixed glazing

Terrazza patio roof with Sottezza II sun protection

Patent no			
994221	1936061	2383402	EP1936105
1206609	1936062	2458107	EP2136214
1382770	2009192	2631386	EP3048213B1
1522650	2072709	3054063	EP3054063B1
1541776	2136013	EP0916781	
1564364	2199484	EP0959195	
1835089	2202376	EP1310609	

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