



Point of use



Fixations



The CASTELLO[®] M4 is the ideal sunshade for large outdoor areas, and has everything that the restaurant industry requires: robust technology, high-quality materials and a modern design. The CASTELLO[®] M4 uses the opposite, telescopic opening principle which means that the sunshade cover is opened and closed with the slider and tension lever. In summer, thanks to the air opening, no heat builds up under the top. As an added extra, the tension lever can be secured with a padlock.



Peter Pane Hamburg

Material and technology

Frame:	8 rods made of aluminium, with profiled rotation-proof pole, counter-rotating principle for easy opening, air outlet under the top. Profiled GLATZ pole profile, Ø 84 mm. Wall thickness: 3 mm. Rods: 33 × 20 mm (reinforced version 45 × 25 mm)
Frame colour:	white powder-coated (RAL 9010) or anodized natural Extra charge for powder-coated frame in other RAL colours: price on request
Frameform:	round, rectangular or square
Drive:	with slide and tensioning lever
Shade cover:	can be retightened thanks to the rod extensions material class 5 (100 % polyacrylic approx. 300 g/m ²)
Flounce:	available with or without flounce

Protective cover:	optional
Total height closed:	340–435 cm
Height open:	280–325 cm
Wind:	max. wind speed open perm. 100 km/h
UV protection:	depending on colour ≥ 98 % (based on test results of “Swiss Quality Testing Services”)
Light fastness:	material class 5 = Level 7–8
Water pressure:	material class 5 ≥ water column 300 mm (depending on colour)

Assortment

Nominal size cm	Order no. Frame white without flounce	Order no. Frame anodized natural without flounce	Order no. Frame white with flounce	Order no. Frame anodized natural with flounce
∅ 350	140 00 350 161	140 00 350 171	140 00 350 160	140 00 350 170
∅ 400	140 00 400 161	140 00 400 171	140 00 400 160	140 00 400 170
∅ 450	140 00 450 161	140 00 450 171	140 00 450 160	140 00 450 170
∅ 500	140 00 500 161	140 00 500 171	140 00 500 160	140 00 500 170
⁴⁹ ∅ 500	140 00 501 161	140 00 501 171	140 00 501 160	140 00 501 170
⁴⁹ ∅ 550	140 00 550 161	140 00 550 171	140 00 550 160	140 00 550 170
⁴⁹ ∅ 600	140 00 600 161	140 00 600 171	140 00 600 160	140 00 600 170
⁹ 400 × 300	140 00 401 161	140 00 401 171	140 00 401 160	140 00 401 170
⁴⁹ 450 × 350	140 00 451 161	140 00 451 171	140 00 451 160	140 00 451 170
⁴⁹ 500 × 400	140 00 502 161	140 00 502 171	140 00 502 160	140 00 502 170
⁹ 300 × 300	140 00 310 161	140 00 310 171	140 00 310 160	140 00 310 170
⁹ 350 × 350	140 00 351 161	140 00 351 171	140 00 351 160	140 00 351 170
⁹ 400 × 400	140 00 402 161	140 00 402 171	140 00 402 160	140 00 402 170
⁴⁹ 400 × 400	140 00 403 161	140 00 403 171	140 00 403 160	140 00 403 170
⁴⁹ 450 × 450	140 00 452 161	140 00 452 171	140 00 452 160	140 00 452 170
⁴⁹ 500 × 500	140 00 503 161	140 00 503 171	140 00 503 160	140 00 503 170

Nominal size cm	Lateral distance cm	Pole ∅ cm	Area covered m ²	Slider distance cm	Height closed cm	Clear headroom cm	Total height cm	Height open cm	Foundation cm	Minimum weight for base kg	¹² max. wind speed open perm. km/h (wind force)
A	AS	M	B	D	E	F	G	H	C		
∅ 350	325	8.4	8.7	110	155	200	340	280	80 × 80	180	100 (10)
∅ 400	370	8.4	11.3	105	140	200	360	295	80 × 80	180	80 (9)
∅ 450	415	8.4	14.3	95	130	200	375	300	80 × 80	180	65 (8)
∅ 500	460	8.4	17.7	85	120	200	395	310	100 × 100	240	55 (7)
⁴⁹ ∅ 500	460	8.4	17.7	85	120	200	395	310	100 × 100	240	65 (8)
⁴⁹ ∅ 550	510	8.4	21.4	75	110	200	405	315	120 × 120	430	60 (7)
⁴⁹ ∅ 600	555	8.4	25.5	65	100	200	425	325	120 × 120	430	50 (7)
⁹ 400 × 300	-	8.4	12.0	90	110	200	375	300	80 × 80	180	65 (8)
⁴⁹ 450 × 350	-	8.4	15.8	75	110	200	400	310	100 × 100	240	55 (7)
⁴⁹ 500 × 400	-	8.4	20.0	65	80	200	420	320	100 × 100	430	50 (7)
⁹ 300 × 300	-	8.4	9.0	85	150	200	375	300	80 × 80	180	100 (10)
⁹ 350 × 350	-	8.4	12.3	85	115	200	375	300	80 × 80	180	85 (9)
⁹ 400 × 400	-	8.4	16.0	75	100	200	400	310	100 × 100	240	50 (7)
⁴⁹ 400 × 400	-	8.4	16.0	75	100	200	400	310	100 × 100	240	65 (8)
⁴⁹ 450 × 450	-	8.4	20.3	65	80	200	415	315	100 × 100	430	55 (7)
⁴⁹ 500 × 500	-	8.4	25.0	55	65	200	435	325	120 × 120	430	50 (7)

⁴reinforced top rods

⁹8 parts

¹² 10 km/h less with flounce

The above measures represent extrapolated average values that may be slightly different on the product ($\pm 2\% \pm 5$ cm).

Height dimensions are based on ground socket M4. These differ slightly depending on the type of base. Except for base M4, 180 kg plus 15.5 cm, 240 kg plus 19 cm.

The max. wind speed limits as per our separate list apply only in the presence of a fix ground anchorage.

In the presence of several sunshades, the min. distance between one sunshade and another and between sunshades and walls shall be 20 cm.

Accessories

	Order no.	
Fixing option M4 / M8 / M16 (Support tube absolutely necessary)		
1. Base M4 / M8 / M16, 430 kg / 620 kg (8 or 12 concrete elements) 101.2 × 101.2 × 22 – 26 / 31 – 35 cm, galvanised steel (without elements)	350 01 226 945	
2. Mounting plate M4 / M8, 30 × 30 × 1.2 cm, galvanised steel	350 01 226 921	
Set of concrete sections, 8 pieces, 48.3 × 48.3 × 9.4 cm, (ca. 385 kg), concrete	350 01 226 948	
Fixing option M4 (support tube M4 absolutely necessary)		
3. Base M4, 180 kg, (for 12 plates 40 × 40 × 4 cm), 91 × 91 × 15.5 - 19.5 cm, galvanised steel (adjustable and levellable) (without plates)	350 01 108 335	
3. Base M4, 240 kg, (for 16 plates 40 × 40 × 4 cm), 91 × 91 × 19 - 23 cm, galvanised steel (adjustable and levellable) (without plates)	350 01 108 435	
4. Cover for base M4, 88 × 88 × 5 cm, brushed aluminium (imitate)	350 01 100 400	
Set of castors for base M4 (maximum weight 240kg), Ø 5 cm, H = 5.5 cm, galvanised steel	350 01 100 500	
5. Ground socket M4, galvanised steel	350 01 226 510	
6. Mounting plate M4 special, for installation height 50 – 149 mm, galvanised steel	350 01 226 932	
7. Mounting plate M4 special, for installation height 150 – 350 mm, galvanised steel	350 01 226 930	
Mounting plate M4 for isolated grounds, installation height made to measure, high-grade steel 1.4301 / 304	350 01 229 730	
8. Support tube M4 with hollow profile M4, galvanised steel (with cover, adjustable and revellable)	350 01 227 000	
Slabs for base M4		
Slab set, 12 pieces, 40 × 40 × 4 cm, (ca. 165 kg), concrete	350 01 226 907	
Slab set, 12 pieces, 40 × 40 × 4 cm, (ca. 170 kg), 8 pieces concrete, 4 pieces polished granite	350 01 226 906	
Slab set, 16 pieces, 40 × 40 × 4 cm, (ca. 220 kg), concrete	350 01 226 904	
Slab set, 16 pieces, 40 × 40 × 4 cm, (ca. 225 kg), 12 pieces concrete, 4 pieces polished granite	350 01 226 903	
Protective cover, coated polyester fabric		
	suitable for shade sizes in cm	
9. Protective cover with zip and rod, 325 × 75 cm	Ø 350 / Ø 400 / Ø 450 / Ø 500 / Ø 550 400 × 300 / 450 × 350 / 300 × 300 / 350 × 350 / 400 × 400	350 01 609 710
9. Protective cover with zip and rod, 400 × 85 cm	Ø 600 / 500 × 400 / 450 × 450 / 500 × 500	350 01 609 720

¹ while stocks last

⁵ fabric colour must be indicated

⁶ Number of fixation points (struts). For rain gutter left / right in drain direction.

¹³ Certain shade sizes require the removal of the impact protection before closing the shade. See slider distance table (D).



Accessories

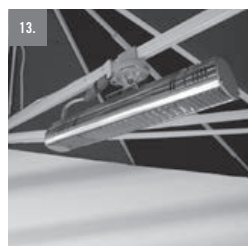
	Order no.
⁵ Rain gutter and curtain (suitable only for square and rectangular sunshades)	
10. Rain gutter conical 300 cm, M4, ⁶ 3/3, incl. fastener set acrylic/PVC	350 01 709 310 XXX
10. Rain gutter conical 350 cm, M4, ⁶ 3/3, incl. fastener set acrylic/PVC	350 01 709 312 XXX
10. Rain gutter conical 400 cm, M4, ⁶ 3/3, incl. fastener set acrylic/PVC	350 01 709 314 XXX
10. Rain gutter conical 450 cm, M4, ⁶ 3/3, incl. fastener set acrylic/PVC	350 01 709 316 XXX
10. Rain gutter conical 500 cm, M4, ⁶ 3/3, incl. fastener set acrylic/PVC	350 01 709 318 XXX
11. Curtain 300 × 220 cm, M4, ⁶ 3/ incl. fastener set acrylic	350 01 759 410 XXX
11. Curtain 350 × 220 cm, M4, ⁶ 3/ incl. fastener set acrylic	350 01 759 412 XXX
11. Curtain 400 × 220 cm, M4, ⁶ 3/ incl. fastener set acrylic	350 01 759 414 XXX
11. Curtain 450 × 220 cm, M4, ⁶ 3/ incl. fastener set acrylic	350 01 759 416 XXX
11. Curtain 500 × 220 cm, M4, ⁶ 3/ incl. fastener set acrylic	350 01 759 418 XXX
Lighting and heating (electric kit absolutely necessary)	
12. Lighting CASTELLO® M4 C408, 230 V, 2 × 11 W	350 01 557 612
13. Radiant heater (infrared radiator), polished aluminium, 1500 W, 230 V, 6.5 A (incl. cable, max. 4 radiant heaters mountable per sunshade)	350 01 570 300
14. Electric kit C408, 400 V (3 PNE), 13 A, wire (7 × 1.5 mm ²) with electric box (for lighting and / or heating) (plug with linking device absolutely necessary)	350 01 555 110
Plug with coupling for electronic kit, 430VAC, 32A, IP68,6+PE, incl. screw terminals	350 01 555 220
Miscellaneous items	
High-grade steel kit white (hinge set, 8 parts, lock) for use in corrosive environment	350 01 901 816
High-grade steel kit grey (hinge set, 8 parts, lock) for use in corrosive environment	350 01 901 817
15. ¹³ Impact protection for shade pole, grey, detachable, H = 85cm	350 01 906 100
16. ¹ Base transporter for sockets weighing 120 kg, 180 kg, 240 kg, 430 kg and 620 kg	350 01 909 000

¹ while stocks last

⁵ fabric colour must be indicated

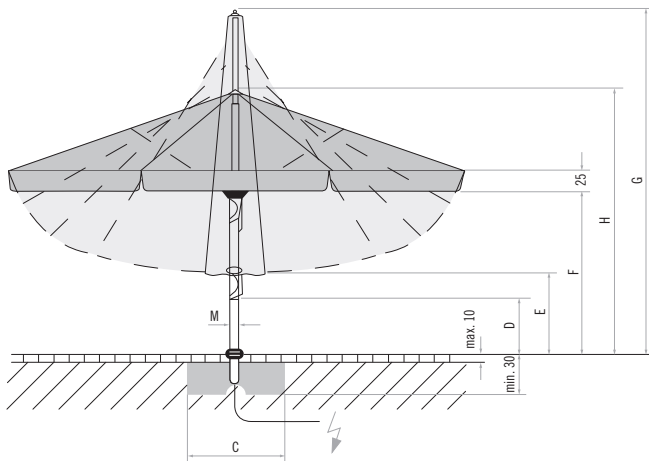
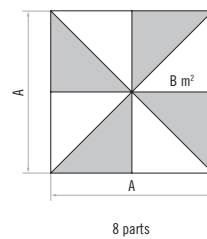
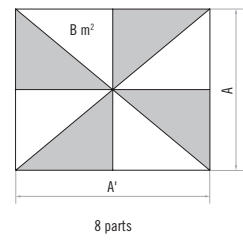
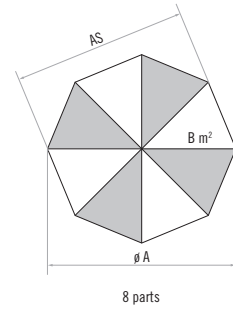
⁶ Number of fixation points (struts). For rain gutter left / right in drain direction.

¹³ Certain shade sizes require the removal of the impact protection before closing the shade. See slider distance table (D).





The Oitavos, Cascais PRT



Loose cover max. 10 cm, concrete thickness min. 30 cm
 (pay attention to frost depth), water outflow,
 supply line to electric kit, 7-wire.



The Dolder Grand, Zurich



Victoria Jungfrau Grand Hotel & Spa, Interlaken



Spice Beach Club, JK Den Haag, NL

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