

FORTELLO® LED The umbrella for day and night

Glatz
Shade in Swiss Quality



Point of use



Fixations



The FORTELLO® LED is the sunshade which can be used both day and night. During the day, it provides protection from sun and rain and in the evening, it provides a warm, white light thanks to the LED strips installed in the supporting rods, which can be adjusted to two different levels of brightness. As a newcomer to GLATZ, the FORTELLO® LED meets all the requirements of the hotel and restaurant industries. It is easy to use because of its opposite servo opening principle and can be installed in many different locations thanks to its two-part, grooved pole, as well as its light weight.



Barca Pontoon Hamburg

Material and technology

| | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Frame: | 8 rods made of natural anodized aluminium, 100 % inox, screws and rivets of high-grade steel, two-part profiled pole 67 × 3 mm, contrarotating opening system allowing for easy opening. |
| Framematerial: | anodized natural |
| Frame shape: | round, rectangular or square |
| Shade cover: | self-tautening thanks to the flexible rod ends material class 5 (100 % polyacrylic approx. 300 g/m ²) material class 4 (100 % polyester approx. 250 g/m ²) material class 2 (100 % polyester approx. 220 g/m ²) |
| Flounce: | not available |
| Protective cover: | optional |

| | |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Integrated LED lighting: | 2 brightness levels (approx. 90 and 160 lx) Colour temperature approx. 3,000 K (warm white) 230 VAC, 50 Hz, 55 W incl. connector plug IP68 LED is integrated into the struts. Retrofitting is not possible. |
| Total height closed: | 345–385 cm |
| Height open: | 270–290 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 4 and 5 = Level 7–8 |
| Water pressure: | material class 4 = water column 100 mm material class 5 ≥ water column 300 mm (depending on colour) |

Assortment

| | Nominal size cm | Lateral distance cm | Area covered m ² | Height closed cm | Clear headroom cm | Total height cm | Height open cm | Foundation cm | Minimum weight for base kg | max. wind speed open perm. km/h (wind force) | Order no. Frame anodized natural |
|---|--------------------|------------------------|--------------------------------|---------------------|----------------------|--------------------|-------------------|------------------|----------------------------------|----------------------------------------------------|----------------------------------------|
| | A | AS | B | E | F | G | H | C | | | |
| ○ | ∅ 450 | 415 | 14.3 | 130 | 215 | 365 | 290 | 80 × 80 | 120 | 80 (9) | 327 00 450 171 |
| □ | ∅ 350 × 250 | - | 8.8 | 125 | 215 | 350 | 280 | 80 × 80 | 120 | 100 (10) | 327 00 352 171 |
| | ∅ 400 × 300 | - | 12 | 130 | 215 | 375 | 290 | 80 × 80 | 120 | 85 (9) | 327 00 402 171 |
| □ | ∅ 300 × 300 | - | 9 | 125 | 215 | 345 | 270 | 80 × 80 | 120 | 100 (10) | 327 00 301 171 |
| | ∅ 350 × 350 | - | 12.3 | 110 | 215 | 365 | 280 | 80 × 80 | 120 | 85 (9) | 327 00 351 171 |
| | ∅ 400 × 400 | - | 16.0 | 95 | 215 | 385 | 290 | 100 × 100 | 180 | 75 (9) | 327 00 401 171 |

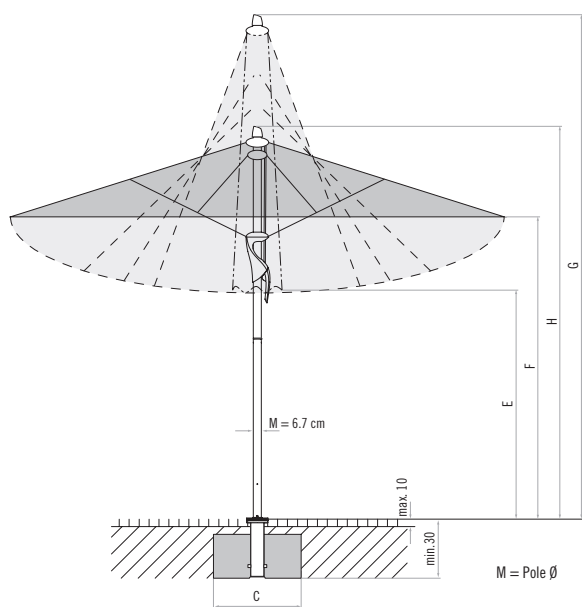
∅8 parts

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

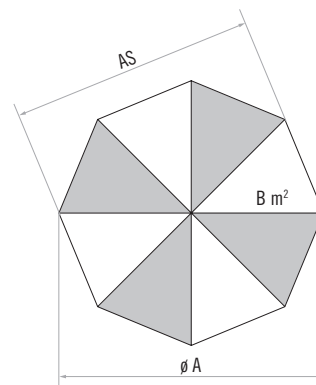
The height dimensions are based on the ground socket M4. With the base M4, 120 kg these vary by plus 11.5 cm and with the base M4, 180 kg by plus 15.5 cm.

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

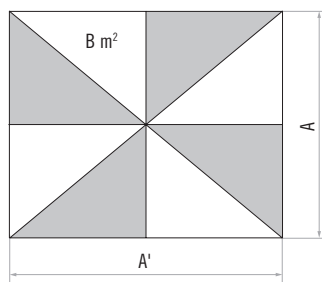
In the presence of several sunshades, the minimum distance between one sunshade and another and between sunshades and walls shall be 20 cm.



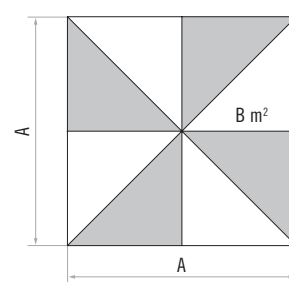
Loose cover max. 10 cm, concrete thickness
min. 30 cm (pay attention to frost depth),
water outflow



8 parts



8 parts



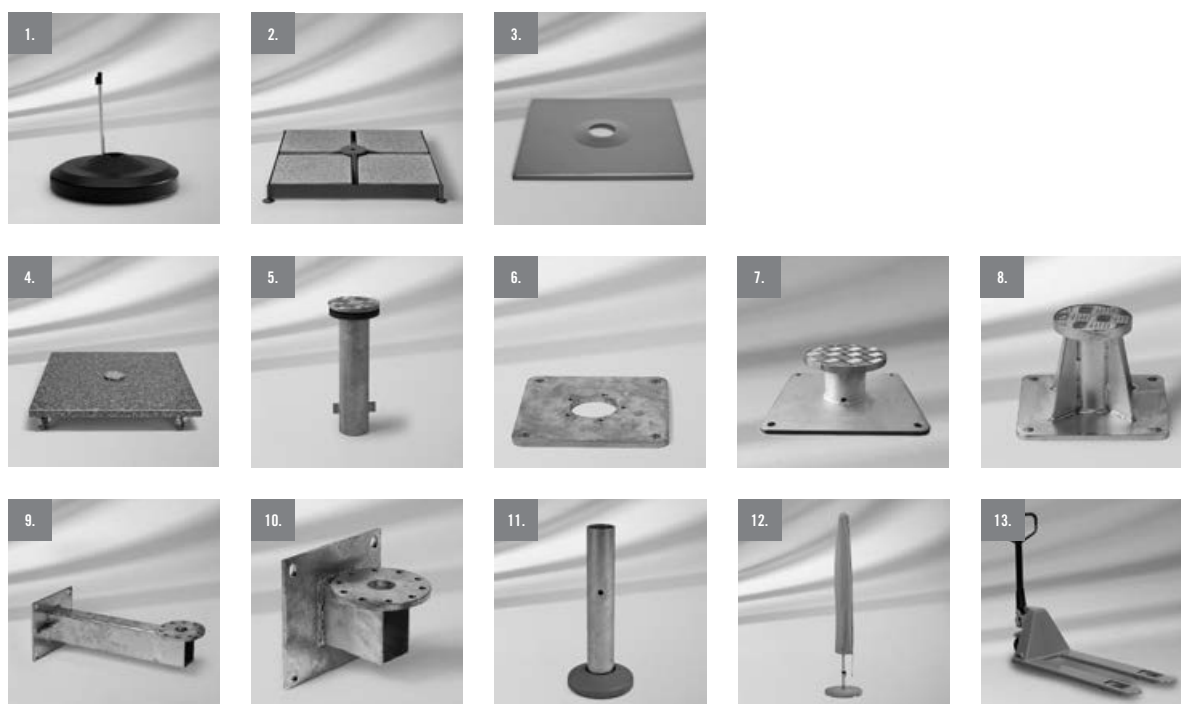
8 parts

Accessories

| | Order no. |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Fixing option M4 (support tube M4 absolutely necessary) | |
| 1. ³ Base frame with castors M4, 150 kg, Ø 88 × 17 cm, anthracite (weight set absolutely necessary) | 350 01 102 700 |
| ³ Weights set, 4 pieces 35001105600, cement, for base with castors 150 kg (weight set approx. 99 kg) | 350 01 103 600 |
| ³ Protective cover for base with castors M4, 150 kg | 350 01 602 600 |
| 2. Base M4, 120 kg, (for 8 plates 40 × 40 × 4 cm), 91 × 91 × 11.5 - 15.5 cm, galvanised steel (adjustable and levellable) (without plates) | 350 01 108 235 |
| 2. 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. Cover for base M4, 88 × 88 × 5 cm, brushed aluminium (imitation) | 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 |
| 4. ³ Granite base M4, 120 kg, 90 × 90 × 17 cm, natural stone with castors | 350 01 109 470 |
| 5. Ground socket M4, galvanised steel | 350 01 226 510 |
| 6. Mounting plate M4 / M8, 30 × 30 × 1.5 cm, galvanised steel | 350 01 226 921 |
| 7. Mounting plate M4 special, for installation height 50 – 149 mm, galvanised steel | 350 01 226 932 |
| 8. 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 |
| 9. Wall console M4, extension 480 mm, galvanised steel | 350 01 229 405 |
| 10. Wall console M4, extension 100 mm, galvanised steel | 350 01 229 410 |
| 11. Support tube M4, P+, galvanised steel | 350 01 200 235 |
| Slabs for base M4 | |
| Slab set, 8 pieces, 40 × 40 × 4 cm, (ca. 110 kg), concrete | 350 01 226 908 |
| Slab set, 8 pieces, 40 × 40 × 4 cm, (ca. 115 kg), 4 pieces concrete, 4 pieces concrete in granite-look | 350 01 226 909 |
| 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 |
| Protective cover, coated polyester fabric | |
| 12. Protective cover with zip and rod, 315 × 60 cm | 350 01 609 700 |
| Miscellaneous items | |
| 13. ¹ Base transporter for sockets weighing 120 kg, 180 kg, 240 kg, 430 kg and 620 kg | 350 01 909 000 |

¹while stocks last

³only suitable for smooth, joint free surface coverings





Hotel Sheraton, Zurich



Dubai