



## External CONCEALED roller shutter 20°



- **HEAT PROTECTION**
- **ANTI-THEFT PROTECTION**
- **LIGHT REGULATION**
- **DIMMING**
- **UV PROTECTION**
- **HEATING / COOLING SAVINGS**

Concealed mount-on roller shutters 20° differ from the 90° shutters in the shape of the lower service panel, which is curved at a 20° angle. The angle gives the shutter a better shape and strengthens the bottom panel.

The curvature of the panel can be partly seen from the side, which can in combination with shutter and exterior wall colour contribute to a unique appearance.

### SLATS | Color palette:

WARNING: Certain colours on the chart may vary from original!

|  |     |               |             |           |             |          |             |          |            |                    |             |     |               |             |               |
|--|-----|---------------|-------------|-----------|-------------|----------|-------------|----------|------------|--------------------|-------------|-----|---------------|-------------|---------------|
|  | PC1 | 01 WHITE      | 02 D. CHOCO | 03 SILVER | 05 L. CHOCO | PC2      | 04 BEIGE    | 08 GREEN | 10 L. GREY | 11 ANTRACITO GRISO | 13 GRAPHITE | PC3 | 06 ASH        | 07 WALNUT   | 16 GOLDEN OAK |
|  |     | 12 ANTHRACITE | 14 RAL 9007 | 52 DB 703 |             | 15 OCHRE | 18 RAL 8017 |          |            |                    |             |     | 17 WALNUT GEA | 21 RAL 3011 |               |

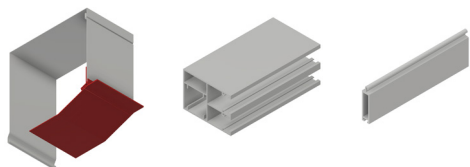
  

|  |     |                    |               |           |           |  |     |               |           |
|--|-----|--------------------|---------------|-----------|-----------|--|-----|---------------|-----------|
|  | PC1 | 01 WHITE           | 02 D. CHOCO   | 03 SILVER | 04 BEIGE  |  | PC1 | 01 WHITE      | 03 SILVER |
|  |     | 11 ANTRACITO GRISO | 12 ANTHRACITE | 14 GREY   | 52 DB 703 |  |     | 12 ANTHRACITE | 52 DB 703 |

\* colors 02, 04, 11, 14 available for orders over 50m²

ALU slats are filled with insulation – polyurethane foam, standard fitted with anti-theft springs. Machine slat binding ensures a quieter and more reliable operation.

### CABINET, GUIDERAILS, END SLAT | Color palette:



|     |              |              |              |  |
|-----|--------------|--------------|--------------|--|
| PC1 | 013 WHITE    | 010 RAL 9006 | 090 RAL 9007 |  |
|     | 042 RAL 7015 | 066 RAL 8012 | 052 DB 703   |  |

WARNING: Certain colours on the chart may vary from original!



### MANIPULATION:

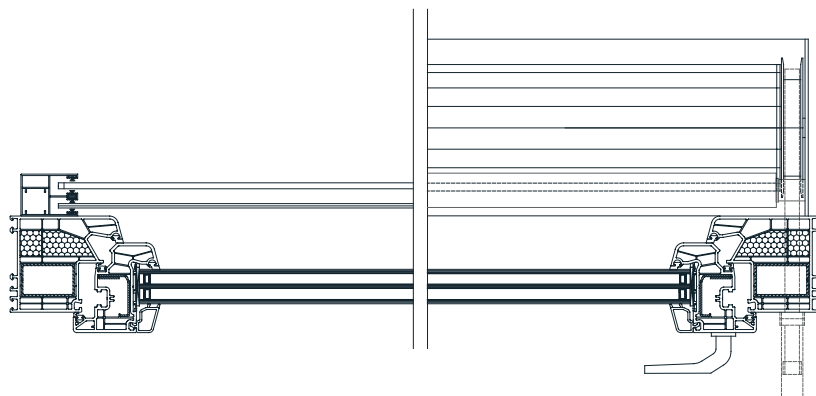
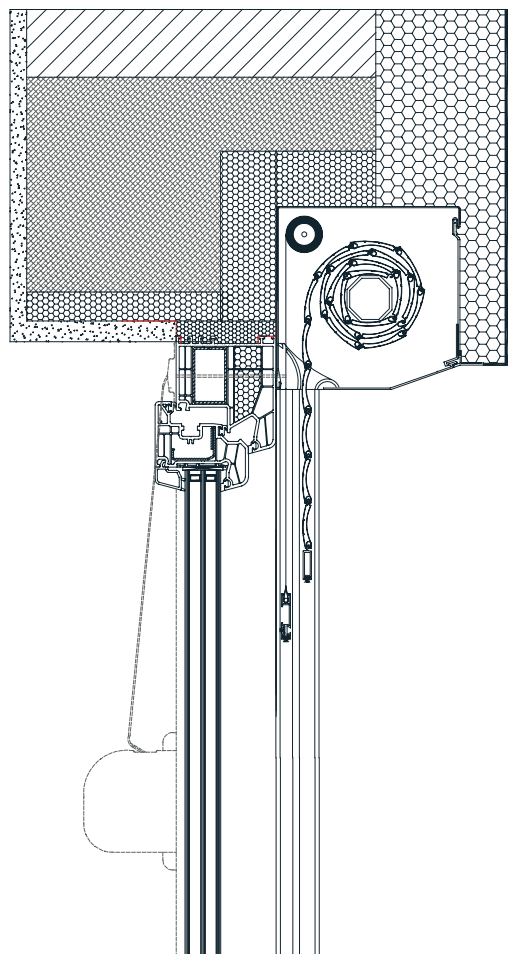


Manipulation is possible with automaton or electrical motor. For motor operation there is the standard PLUG & PLAY function, which allows the connection of several motors to a single switch, self-adjusting positions and the safety function in the event of an obstacle.

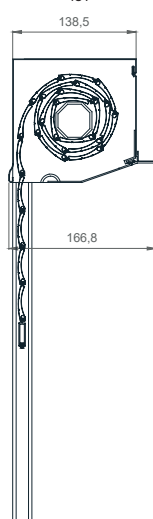
# External CONCEALED roller shutter 20°



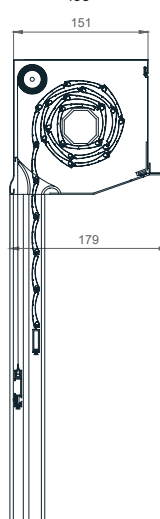
## TEHNICAL DRAWINGS | Shade details:



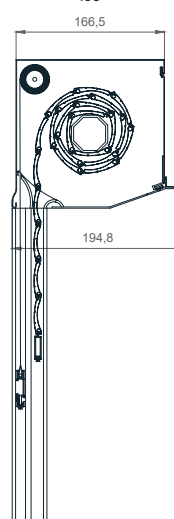
CONCEALED 20°  
137



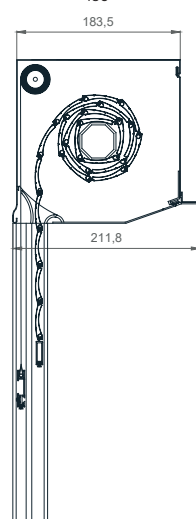
CONCEALED 20°  
150



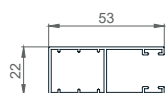
CONCEALED 20°  
165



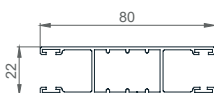
CONCEALED 20°  
180



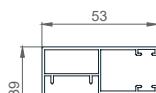
### GUIDERAILS



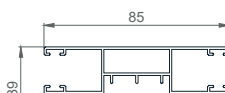
53 X 22mm



80 X 22mm

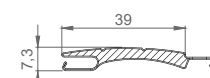


53 X 39mm

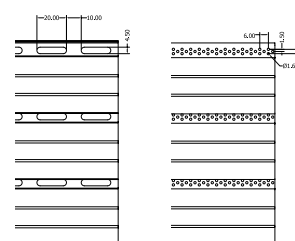


85 X 39mm

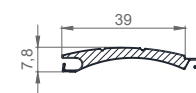
### SLATS



FALCON - 39mm



PERFO



ALU - 39mm

### TABLE OF BOX (CABINET) SIZES

| Slat/Shaft<br>cabinet size | FALCON / 60mm |       | ALU / 40mm |       | ALU / 60mm |       |
|----------------------------|---------------|-------|------------|-------|------------|-------|
|                            |               | MOS.  |            | MOS.  |            | MOS.  |
| 13,7 cm                    | 109,0         | -     | 173,9      | -     | 146,3      | -     |
| 15,0 cm                    | 134,0         | 104,0 | 204,9      | 150,8 | 189,9      | 130,9 |
| 16,5 cm                    | 184,0         | 141,0 | 265,0      | 202,3 | 249,9      | 189,9 |
| 18,0 cm                    | 249,0         | 204,0 | 319,9      | 255*  | 309,9      | 255*  |
| 20,0 cm                    | -             | -     | -          | -     | -          | -     |