



Round & oval mirror, wood & stone

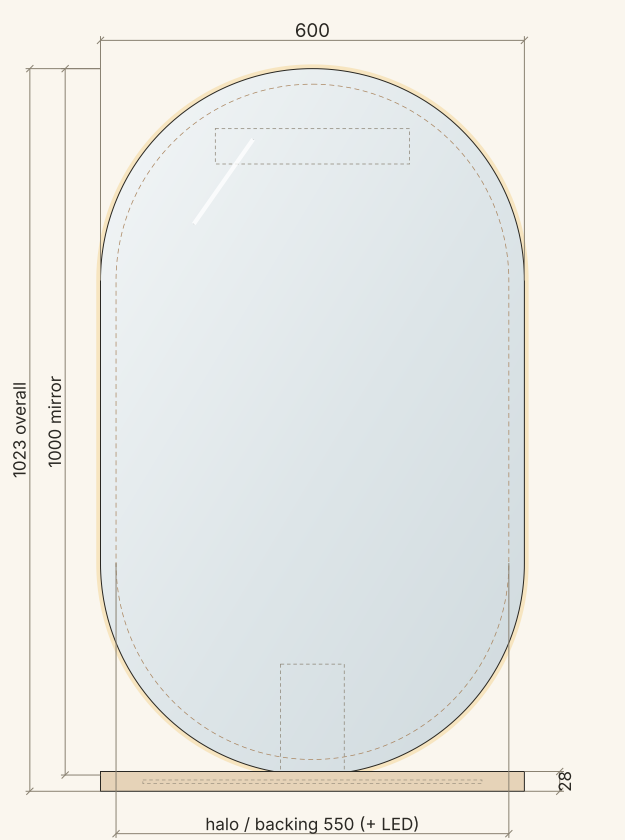
A round or oval mirror that stands in a narrow shelf of solid oak or Corian. LED light behind the mirror washes the wall with a soft halo, so the mirror seems to float. The shelf takes a soap, a glass or a candle; it is exactly as long as the mirror is wide.

RANGE

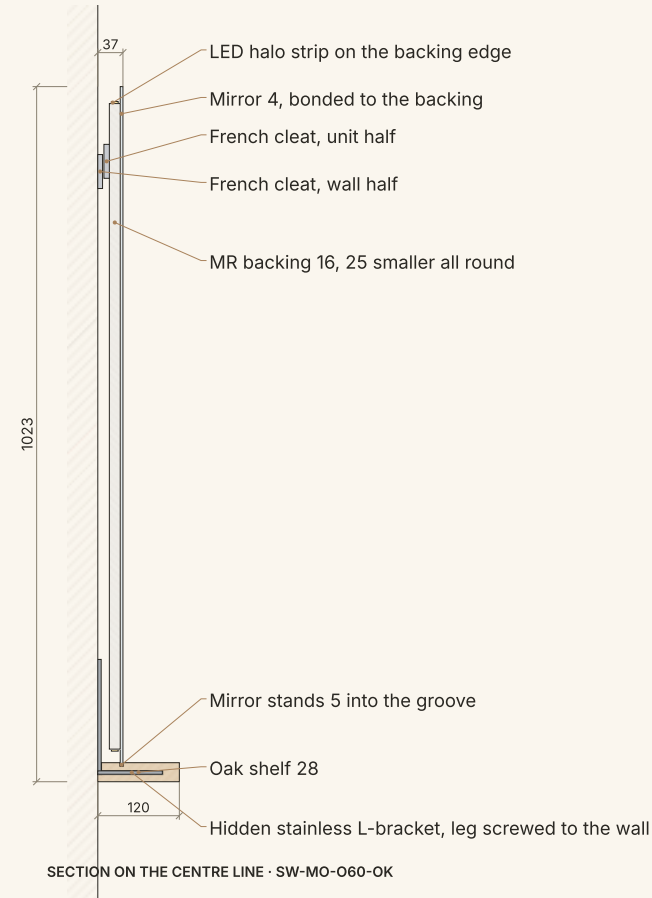
Round Ø600 · Ø800 · Oval 500 × 900 · 600 × 1000. Shelf 120 deep, 28 thick, in solid oak (-OK) or Corian (-CR). Codes SW-MO-R60-OK ... SW-MO-O60-CR (8 codes).

SPECIFICATION

- Mirror: 4 mm silver mirror, CNC-cut with a polished edge, safety backing film
- Backing: 16 mm MR board, 25 mm smaller than the mirror all round; mirror bonded on
- Halo light: LED strip on the edge of the backing, 24 V driver, IR sensor switch under the shelf
- Shelf: solid oak 28 mm, natural oil — or 12 mm Corian on a 16 mm MR core with a seamless front edge and end caps
- The mirror stands 5 mm into a 5 mm groove in the shelf top
- Fixing: the shelf hangs on a hidden 5 mm stainless L-bracket (blade inside the shelf, leg screwed to the wall behind the mirror); the mirror hangs on a French cleat



FRONT · SW-MO-O60-OK · backing, LED, cleat and shelf bracket dashed



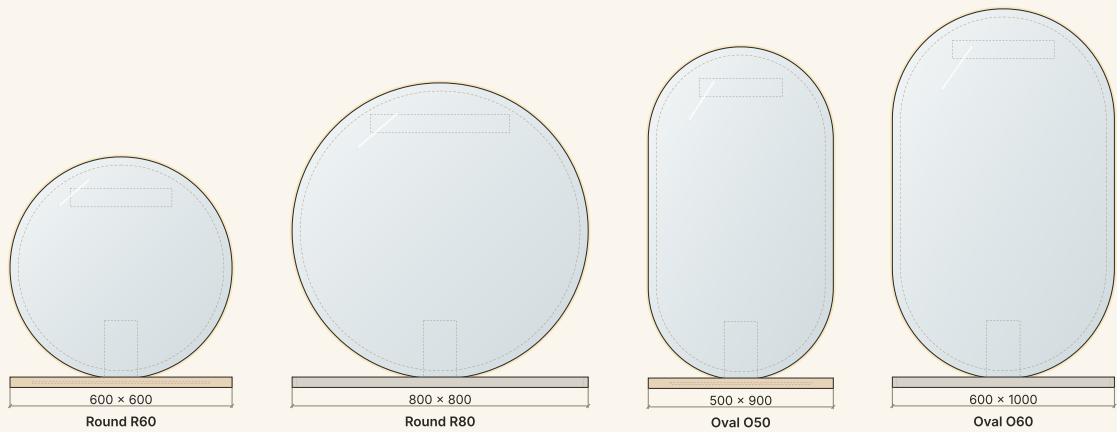
SECTION ON THE CENTRE LINE · SW-MO-O60-OK

SIZES (DRAWINGS SHOW SW-MO-O60-OK)

CODE (OAK / CORIAN)	SHAPE	MIRROR W × H	OVERALL W × H × D	SHELF L × D × T	HALO LED	KG OAK / CORIAN
SW-MO-R60-OK / -CR	Round	600 × 600	600 × 623 × 120	600 × 120 × 28	1.7 m	10 / 11
SW-MO-R80-OK / -CR	Round	800 × 800	800 × 823 × 120	800 × 120 × 28	2.4 m	16 / 17
SW-MO-O50-OK / -CR	Oval	500 × 900	500 × 923 × 120	500 × 120 × 28	2.2 m	12 / 13
SW-MO-O60-OK / -CR	Oval	600 × 1000	600 × 1023 × 120	600 × 120 × 28	2.5 m	15 / 16

Weights are estimates from part volumes (oak 700, MR 750, Corian 1700, mirror 2500, steel 7930 kg/m³), including LED, cleat and the shelf bracket.

RANGE AT ONE SCALE (OAK AND CORIAN SHELVES SHOWN ALTERNATELY)



CUTTING LIST — FINISHED SIZES PER SIZE

PART	MATERIAL	ROUND R60	ROUND R80	OVAL O50	OVAL O60
Mirror	4 mm silver mirror with safety backing film, CNC-cut, polished edge	Ø 600 × 4	Ø 800 × 4	500 × 900 oval × 4	600 × 1000 oval × 4
Backing	MR board 16, CNC-cut, sealed	Ø 550 × 16	Ø 750 × 16	450 × 850 oval × 16	550 × 950 oval × 16
LED halo strip	Flexible LED strip 24 V, IP65, on the backing edge	1.73 m	2.36 m	2.21 m	2.53 m
French cleat, unit / wall	Aluminium cleat pair (bought-in)	275 / 255 long	375 / 355 long	225 / 205 long	275 / 255 long
Oak shelf (-OK)	Solid oak 28, oiled; groove 5 × 5 × 160	600 × 120 × 28	800 × 120 × 28	500 × 120 × 28	600 × 120 × 28
Corian top (-CR)	Corian 12, groove 5 × 5 × 160	576 × 120 × 12	776 × 120 × 12	476 × 120 × 12	576 × 120 × 12
Corian front edge (-CR)	Corian 12, seamless joint	576 × 16 × 12	776 × 16 × 12	476 × 16 × 12	576 × 16 × 12
Corian end caps ×2 (-CR)	Corian 12	120 × 28 × 12	120 × 28 × 12	120 × 28 × 12	120 × 28 × 12
Shelf core (-CR)	MR board 16	576 × 108 × 16	776 × 108 × 16	476 × 108 × 16	576 × 108 × 16
Shelf L-bracket	Stainless 304, 5 mm, laser-cut + bent, 2 × M5 tapped, powder-coated	blade 480 × 95 · leg 90 × 169 · 2.4 kg	blade 680 × 95 · leg 90 × 169 · 3.1 kg	blade 380 × 95 · leg 90 × 169 · 2.0 kg	blade 480 × 95 · leg 90 × 169 · 2.4 kg

Finished sizes in mm. The shelf is as long as the mirror is wide. LED, driver, switch and cleat are bought-in; the bracket is made by a metal shop (drawing: detail E).

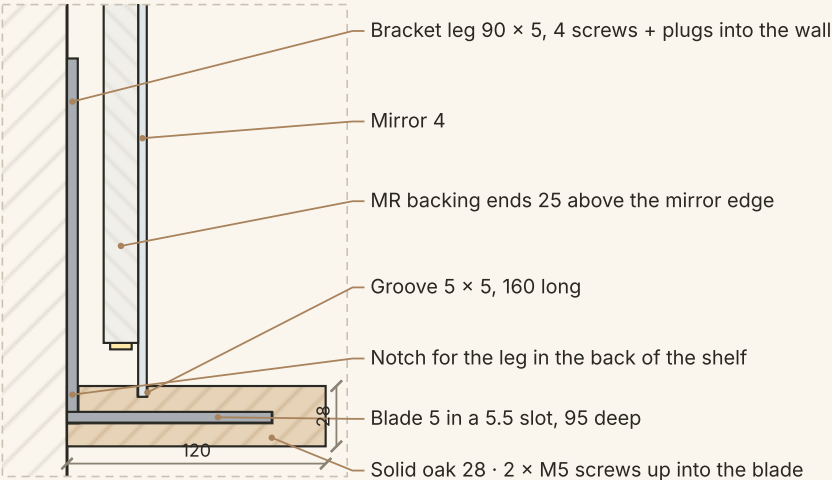
PRODUCTION & INSTALLATION NOTES

- Mirror and backing CNC-cut from the same file; bond with neutral-cure mirror adhesive, then fit the LED strip to the backing edge.
- Install: (1) screw the L-bracket to the wall, level (4 × Ø8 plugs, 5 × 60 screws; in plasterboard into a stud or plywood backing); (2) slide the shelf on and fix it with 2 × M5 screws from below; (3) hang the mirror on the cleat so its edge drops into the groove — it hides the bracket leg.
- Shelf load: designed for 15 kg spread on the shelf; test one sample with 45 kg. At 45 kg the steel works at ~70 MPa (304 yields at 205) and each top screw pulls ~9 kg.
- Wall cleat sits 15 mm lower than the unit half; top of the wall cleat 923 mm above the shelf underside for the 600 × 1000 (see the CAD for other sizes).

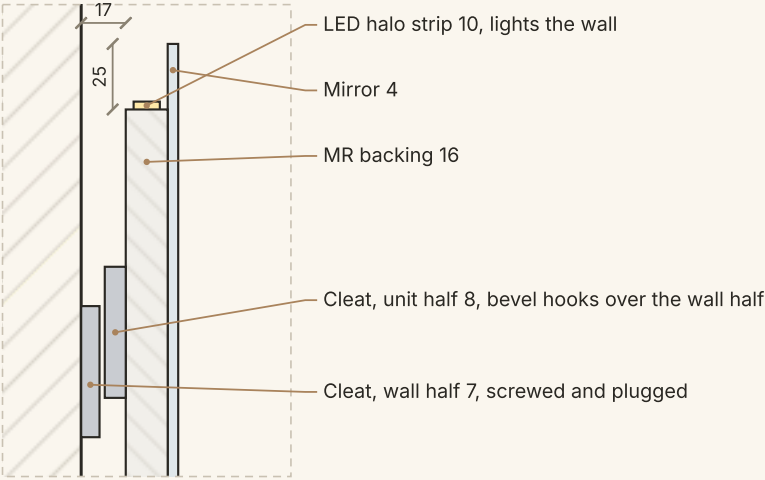
ELECTRICAL & SAFETY (VERIFY LOCALLY)

- Bathroom zone 2 needs IPX4 minimum for LED and sensor; follow local wiring regulations.
- Driver in an accessible box or behind the mirror; installed by a licensed electrician.

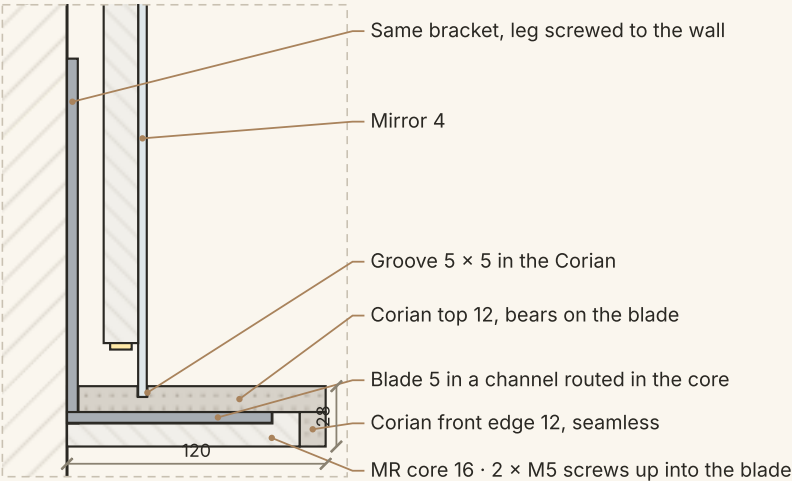
CONSTRUCTION DETAILS · SW-MO-O60 (SAME FOR ALL SIZES)



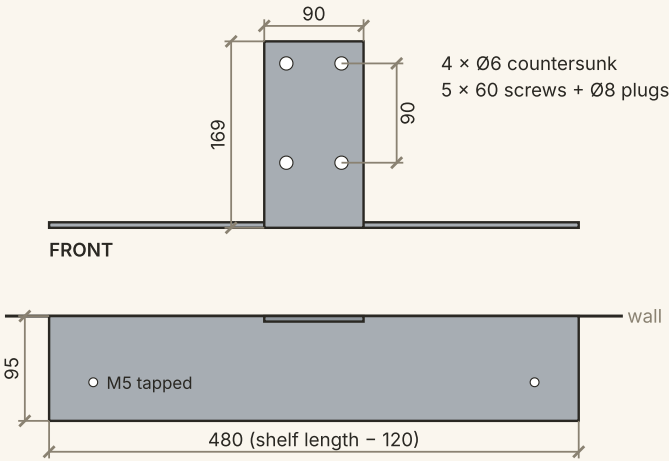
DETAIL B · OAK SHELF & MIRROR GROOVE



DETAIL D · TOP: HALO LED & FRENCH CLEAT



DETAIL C · CORIAN SHELF BUILD-UP



PLAN · 5 mm stainless 304, bent 90°, powder-coated white · 2.4 kg (SW-MO-O60)
DETAIL E · HIDDEN SHELF BRACKET (metal shop drawing)