

D400 composite cover system

Last updated:
08/07/2026

Product description

Modular D400 cover system designed to simplify installation, reduce risk, and improve site access. Comprises lightweight composite D400 access covers, installed within a modular steel frame with floating beam supports.

Frame details

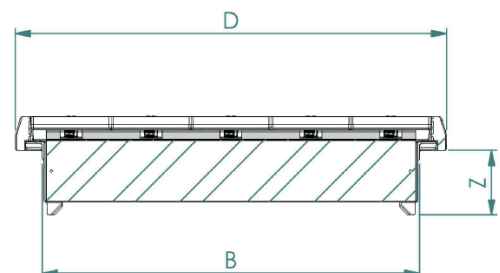
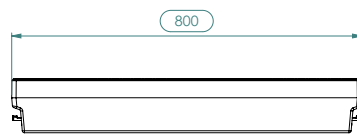
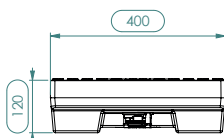
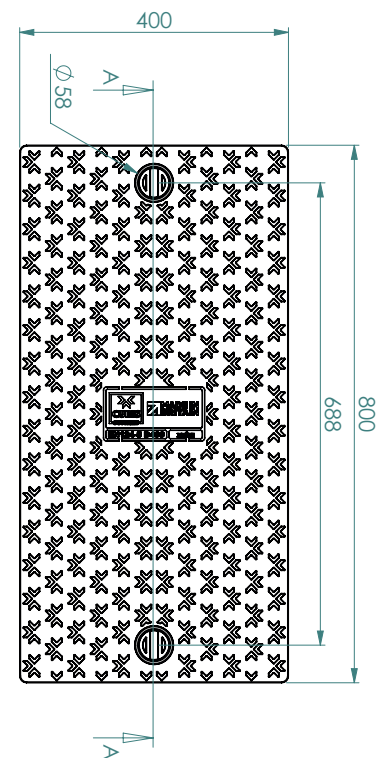
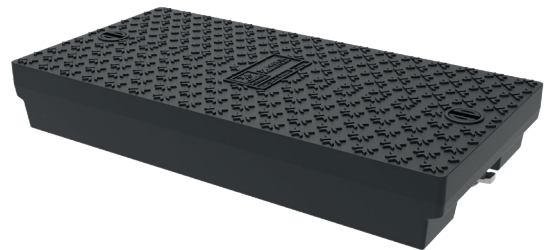
- 1900x1500mm - 6300x3100 C/O (100mm total seating)
- Frame length increases in 800mm increments (driven by cover dimensions)
- Frame span increases in 400mm increments (driven by cover dimensions)

Cover details

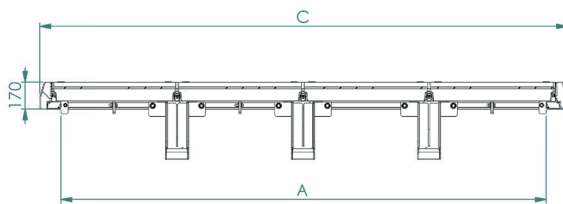
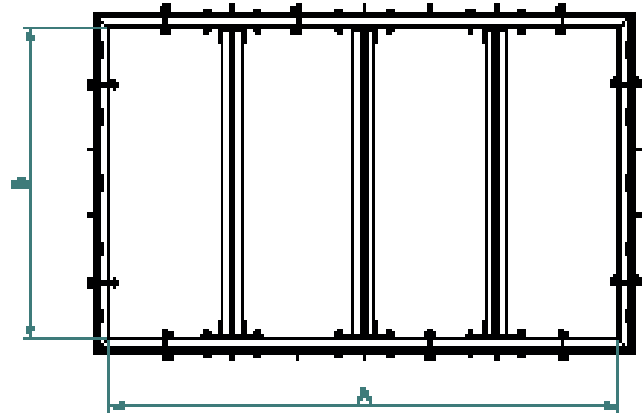
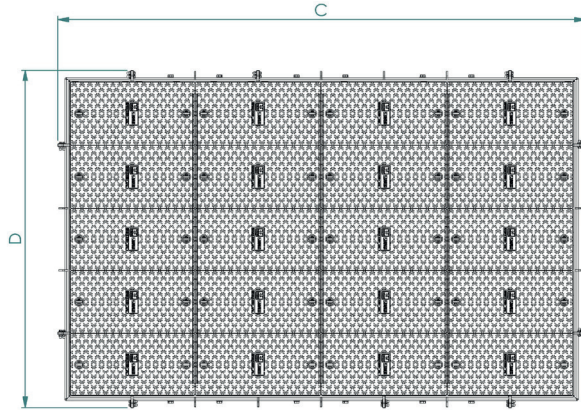
- 800x400mm per cover
- 120mm depth
- 24g

Key details

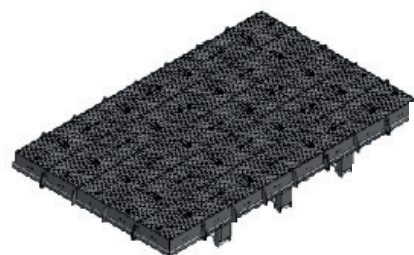
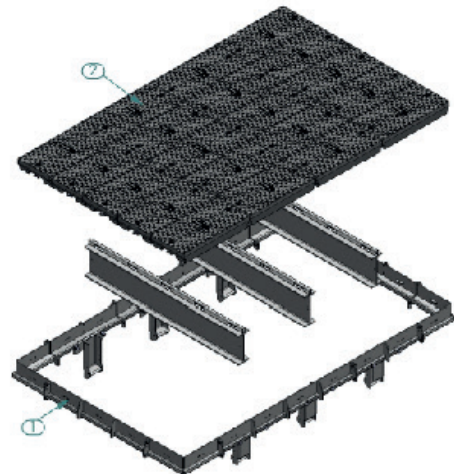
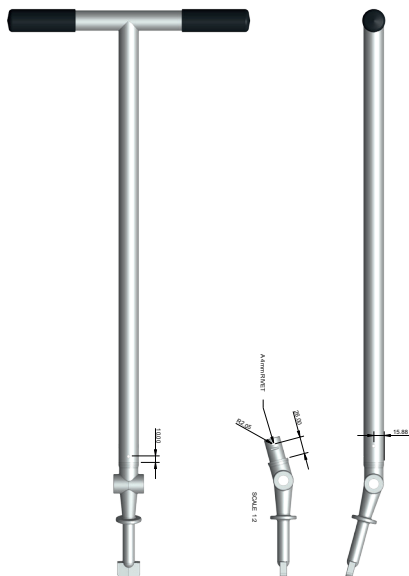
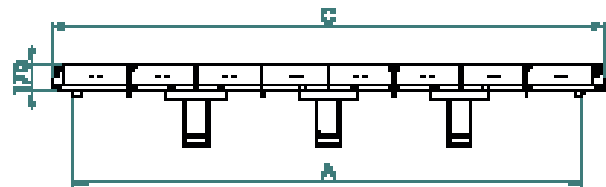
- Enables safe manual handling at just 24kg per cover
- Multispan system maximises clear opening spaces
- D400 strength that doesn't need to be hinged or gas-assisted to lift
- Manufactured from Glass Reinforced Polyester Resin (GRP) gives an unparalleled strength-to-weight ratio
- Gritted anti-slip surface is ideal for busy trafficked and pedestrian areas
- Cubis composite covers are non-corrosive, UV resistant and highly secure, guaranteeing you peace of mind in protecting your investment for years to come
- Combined lifting and locking system via simple ¼ turn mechanism



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SECTION A-A



D400 composite cover system

Dimensions (mm)					Covers	Beams			
Chamber Reference	Internal Length (A)	Internal Width (B)	External Length (C)	External Width (D)	Quantity	No. of Beams	Beam Depth Below Frame (Z)	Individual Beam Weight (kg)	Total Weight of Frame & Cover (kg)
1500x1100	1500	1100	1758	1358	6	1	333	36.3	308
1900x1500	1500	1900	1758	2158	10	1	333	79.8	476
2700x1500	1500	2700	1758	2958	14	1	382	137.7	665
2300x1100	2300	1100	2558	1358	9	2	333	36.3	462
2300x1500	2300	1500	2558	1758	12	2	333	49.5	574
2300x1900	2300	1900	2558	2158	15	2	333	79.8	722
2300x2300	2300	2300	2558	2558	18	2	382	117.3	892
2700x2300	2300	2700	2558	2958	21	2	382	137.7	1021
3100x1100	3100	1100	3358	1358	12	3	333	36.3	619
3100x1500	3100	1500	3358	1758	16	3	333	49.5	768
3100x1900	3100	1900	3358	2158	20	3	333	79.8	971
3100x2300	3100	2300	3358	2558	24	3	382	117.3	1206
3100x2700	3100	2700	3358	2958	28	3	382	137.7	1379
3100x3100	3100	3100	3358	3358	32	3	429	167.4	1580
3900x1100	3900	1100	4158	1358	15	4	333	36.3	773
3900x1500	3900	1500	4158	1758	20	4	333	49.5	959
3900x1900	3900	1900	4158	2158	25	4	333	79.8	1217
3900x2300	3900	2300	4158	2558	30	4	382	117.3	1517
3900x2700	3900	2700	4158	2958	35	4	382	137.7	1734
3900x3100	3900	3100	4158	3358	40	4	429	167.4	1989
4700x1100	4700	1100	4958	1358	18	5	333	36.3	931
4700x1500	4700	1500	4958	1758	24	5	333	49.5	1153
4700x1900	4700	1900	4958	2158	30	5	333	79.8	1465
4700x2300	4700	2300	4958	2558	36	5	382	117.3	1832
4700x2700	4700	2700	4958	2958	42	5	382	137.7	2092
4700x3100	4700	3100	4958	3358	48	5	429	167.4	2401
5500x1100	5500	1100	5758	1358	21	6	333	36.3	1085
5500x1500	5500	1500	5758	1758	28	6	333	49.5	1344
5500x1900	5500	1900	5758	2158	35	6	333	79.8	1711
5500x2300	5500	2300	5758	2558	42	6	382	117.3	2143
5500x2700	5500	2700	5758	2958	49	6	382	137.7	2448
5500x3100	5500	3100	5758	3358	56	6	429	167.4	2811



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Dimensions (mm)					Covers	Beams			
Chamber Reference	Internal Length (A)	Internal Width (B)	External Length (C)	External Width (D)	Quantity	No. of Beams	Beam Depth Below Frame (Z)	Individual Beam Weight (kg)	Total Weight of Frame & Cover (kg)
6300x1100	6300	1100	6558	1358	24	7	333	36.3	1242
6300x1500	6300	1500	6558	1758	32	7	333	49.5	1537
6300x1900	6300	1900	6558	2158	40	7	333	79.8	1960
6300x2300	6300	2300	6558	2558	48	7	382	117.3	2457
6300x2700	6300	2700	6558	2958	56	7	382	137.7	2806
6300x3100	6300	3100	6558	3358	64	7	429	167.4	3223